موضوع الدرس : ..... اليوم : .....

التاريخ : / / ٢٠م الموافق : / / ١٤هـ

جامعة 21 سبتمبر للعلوم الطبية والتطبيقية

الكلية / الطب البشري

الدفعة / الأولى

المجموعة / 3

القسم / العيون (عملي)

تدوين محاضرة / Cornea

للدكتور / معز شلغيط

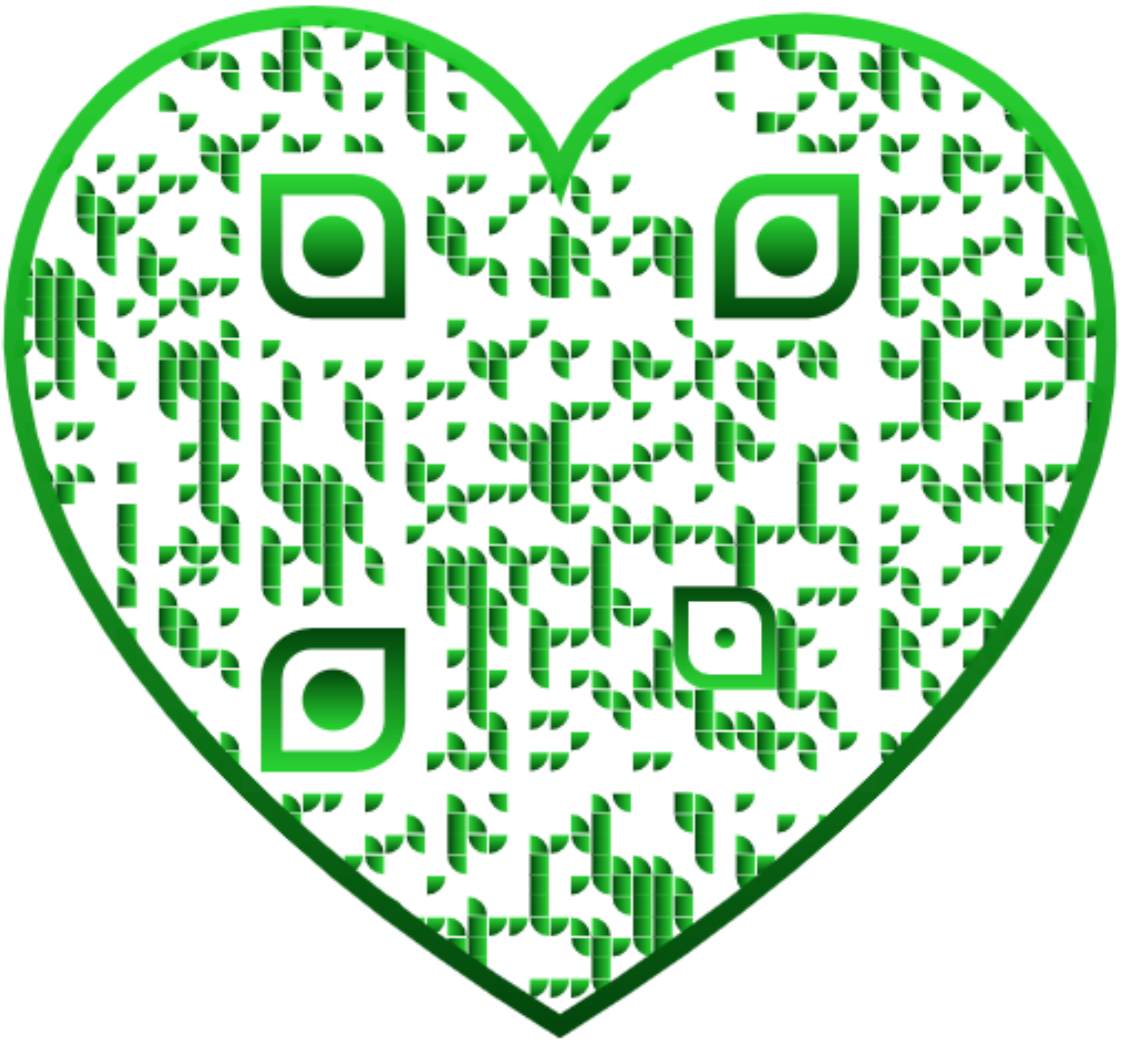
تدوين وإعداد / محمد صالح العضلي

ملاحظة / الإجابات في نهاية الأسئلة.

D.T.H

الواجب : .....

الممسوحة ضوئيا بـ CamScanner



1

- What are the different factors responsible for corneal transparency?

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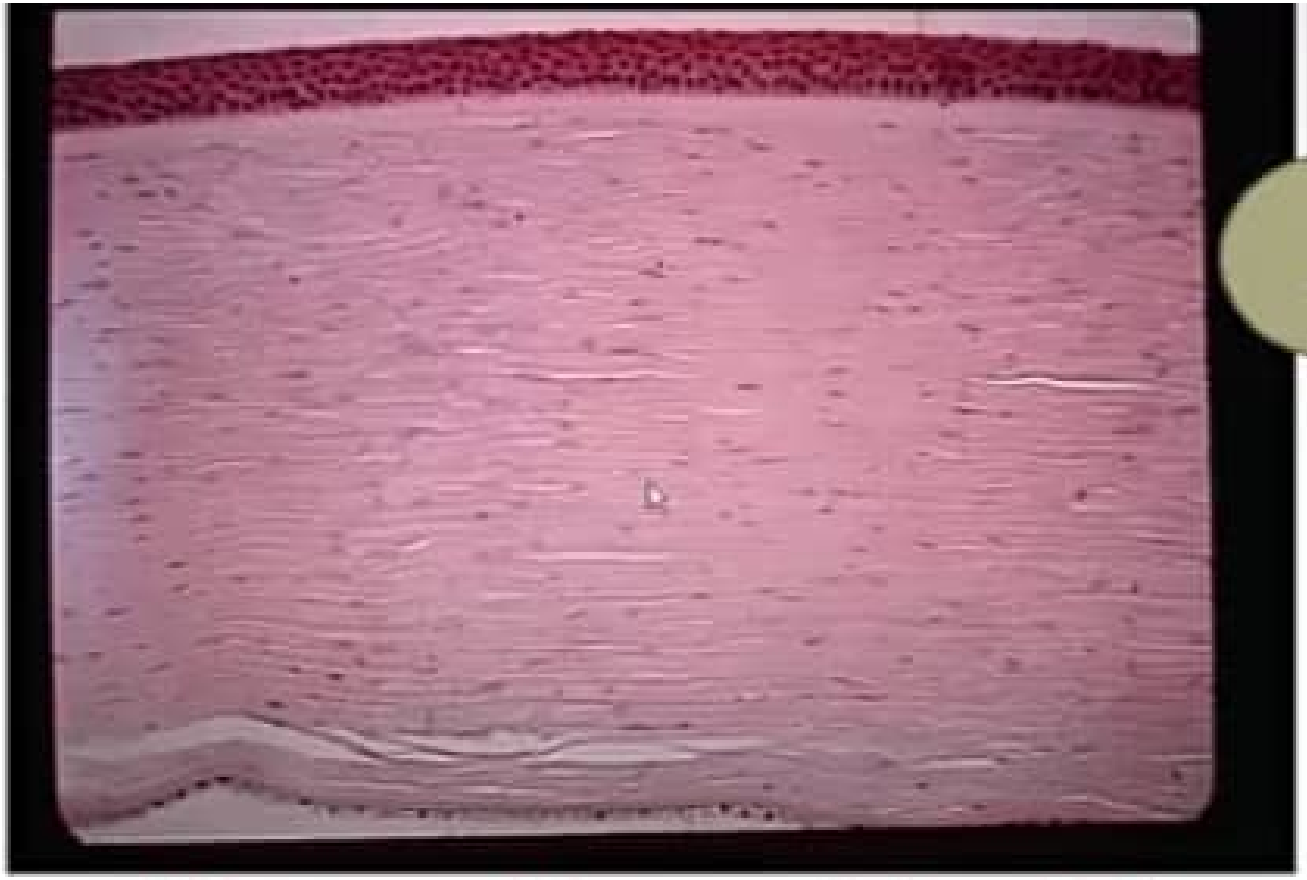

2

❖The stroma of the cornea is formed of

1-…… 2-…… 3-……

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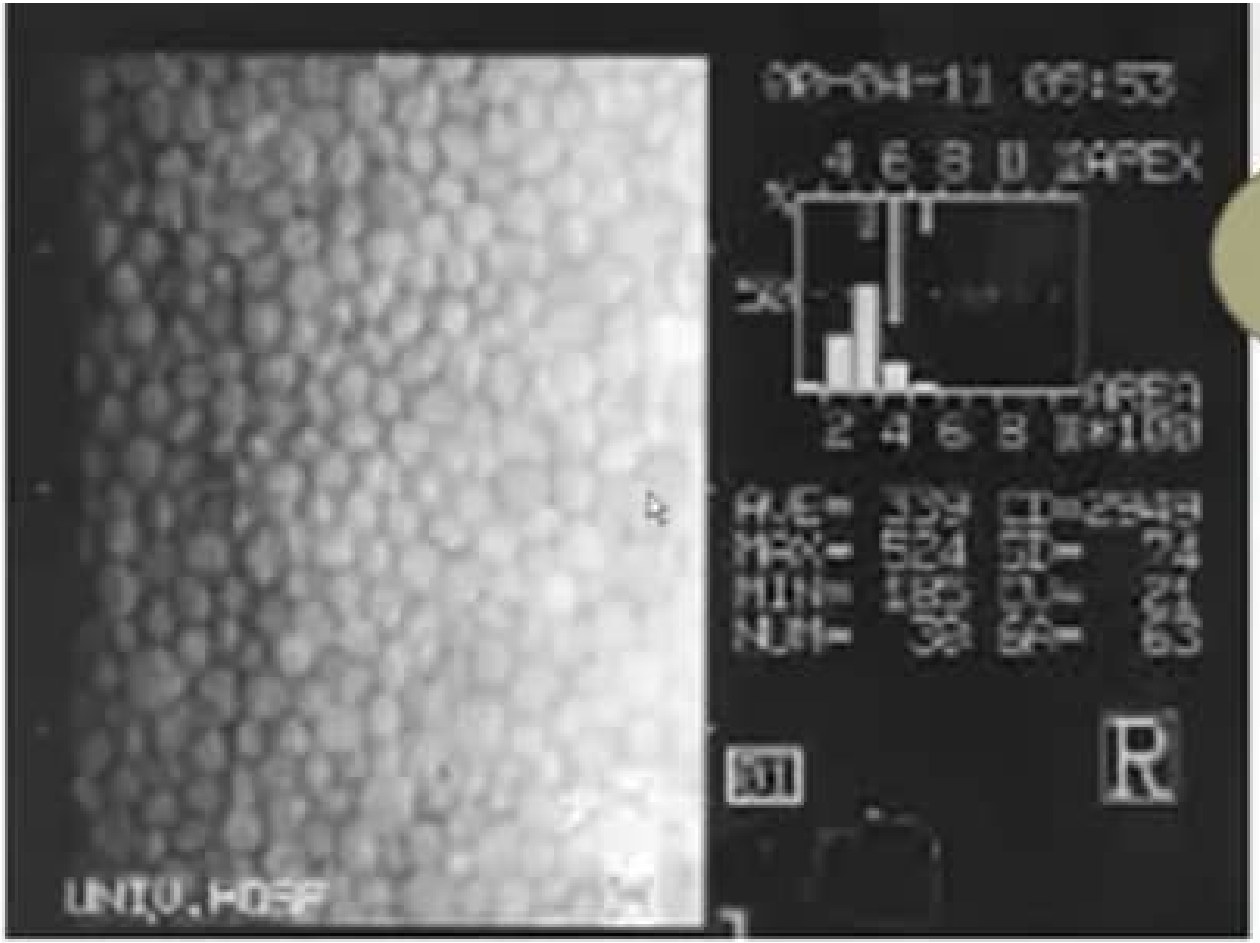

3

- What is the function of endothelial cell layer of the cornea ?

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4

❖Mention the causes of corneal oedema ?

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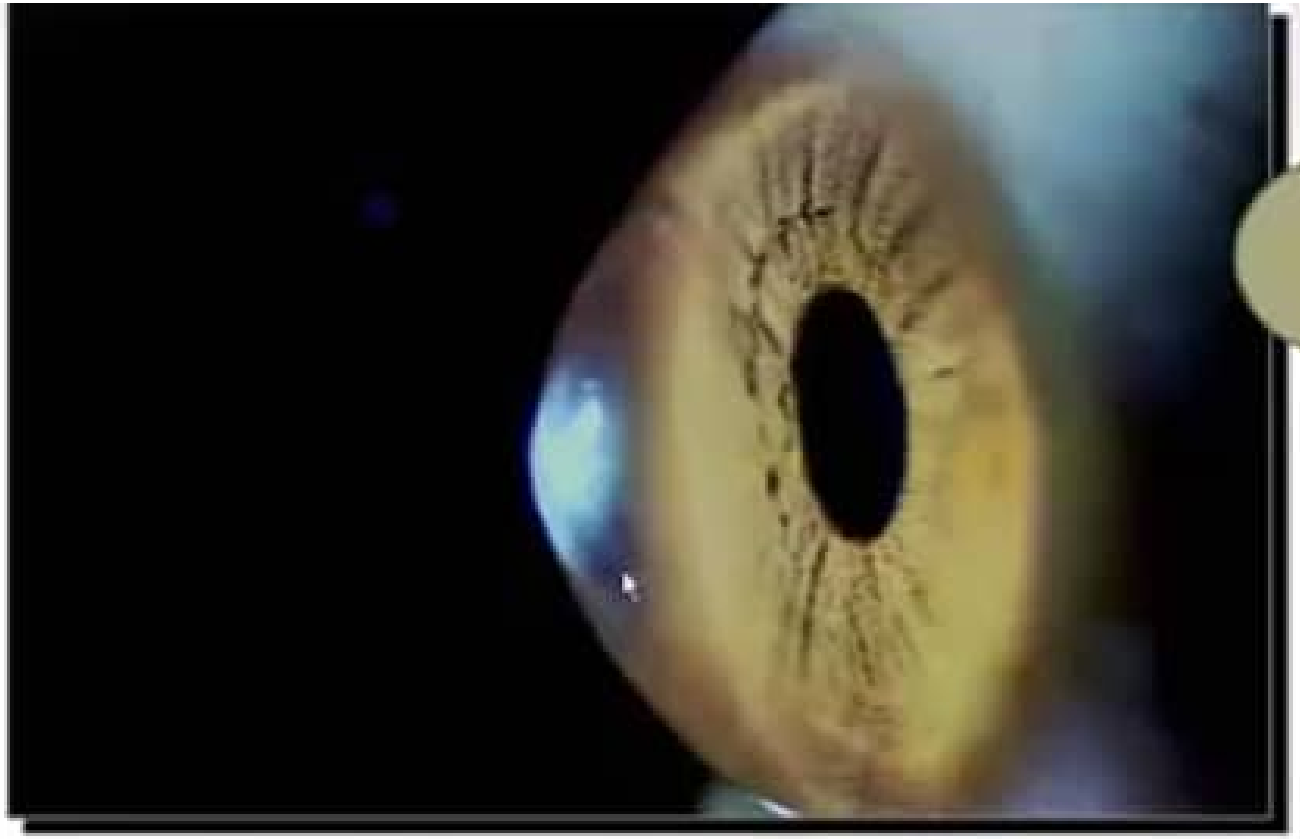

5

- What is your diagnosis ?
- What type of error of refraction?

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6

- What is your diagnosis ?
- Is the success rate of penetrating keratoplasty good or bad in these patients ?

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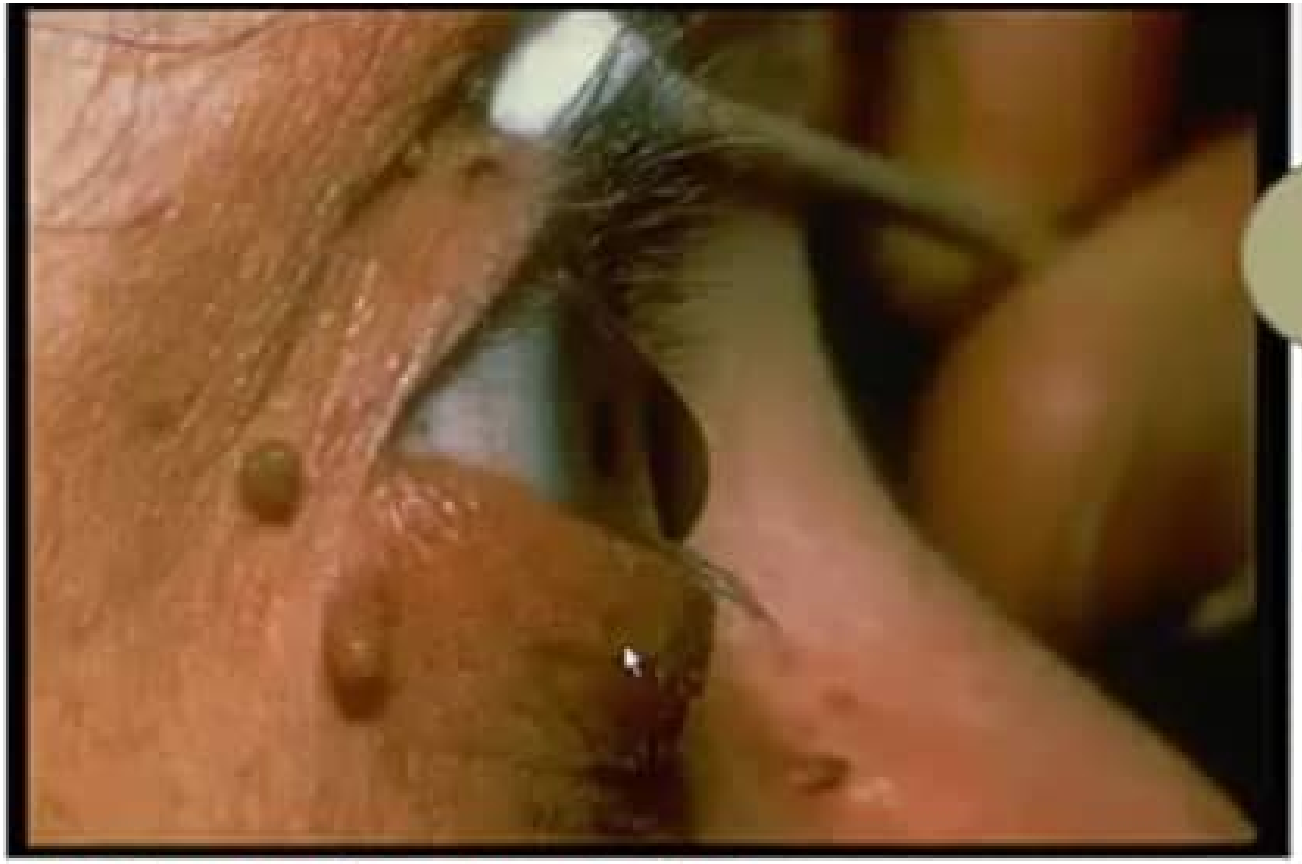

7

- What is the diagnosis?
- Discuss briefly the management?

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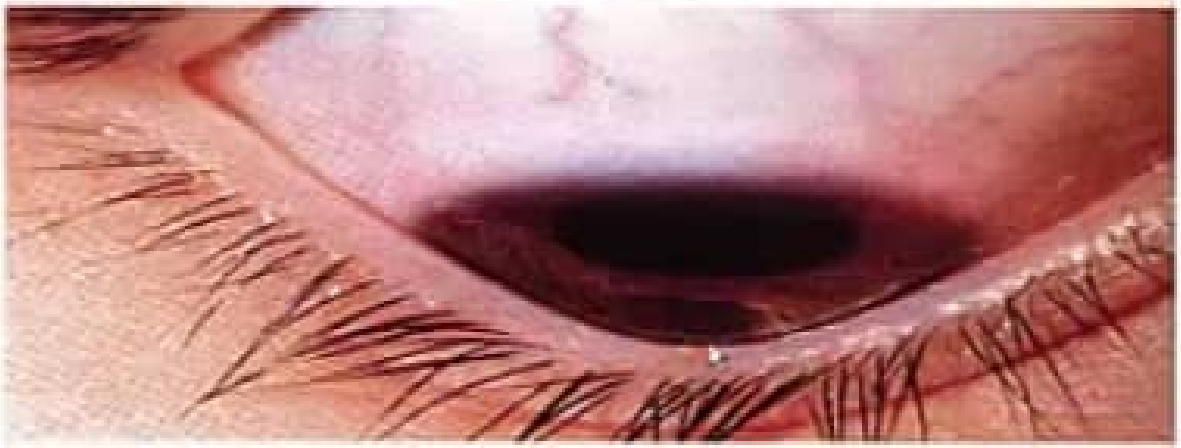

8

- What is the diagnosis?
- Mention 3 modalities of treatment?

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9

- What is positive SIGN?
- What is indicate?

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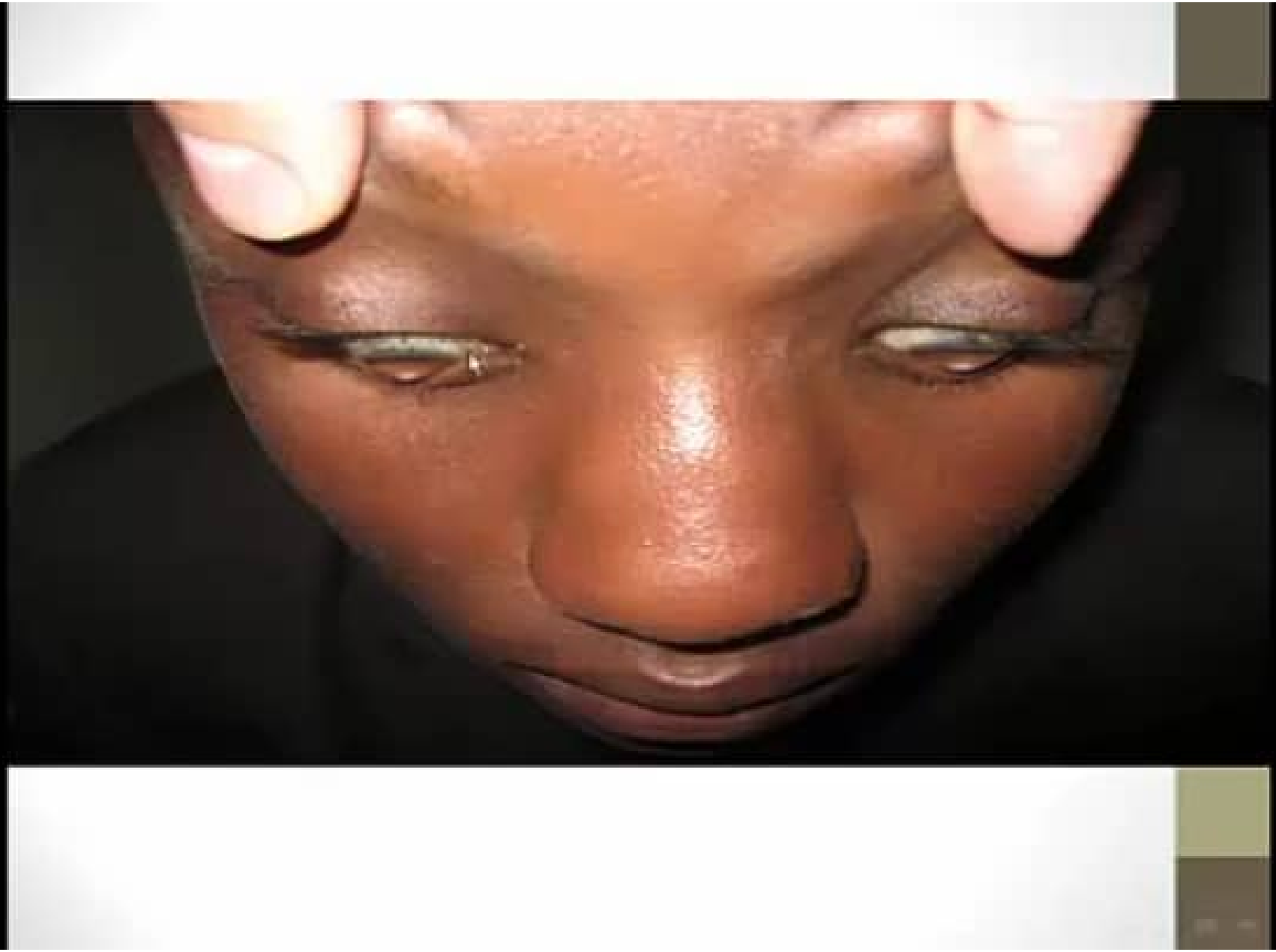
الممسوحة ضوئيا بـ CamScanner



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الممسوحة ضوئيا بـ CamScanner

- This is an acute presentation, name it ,and mention the definitive treatment after resolution of the attack?

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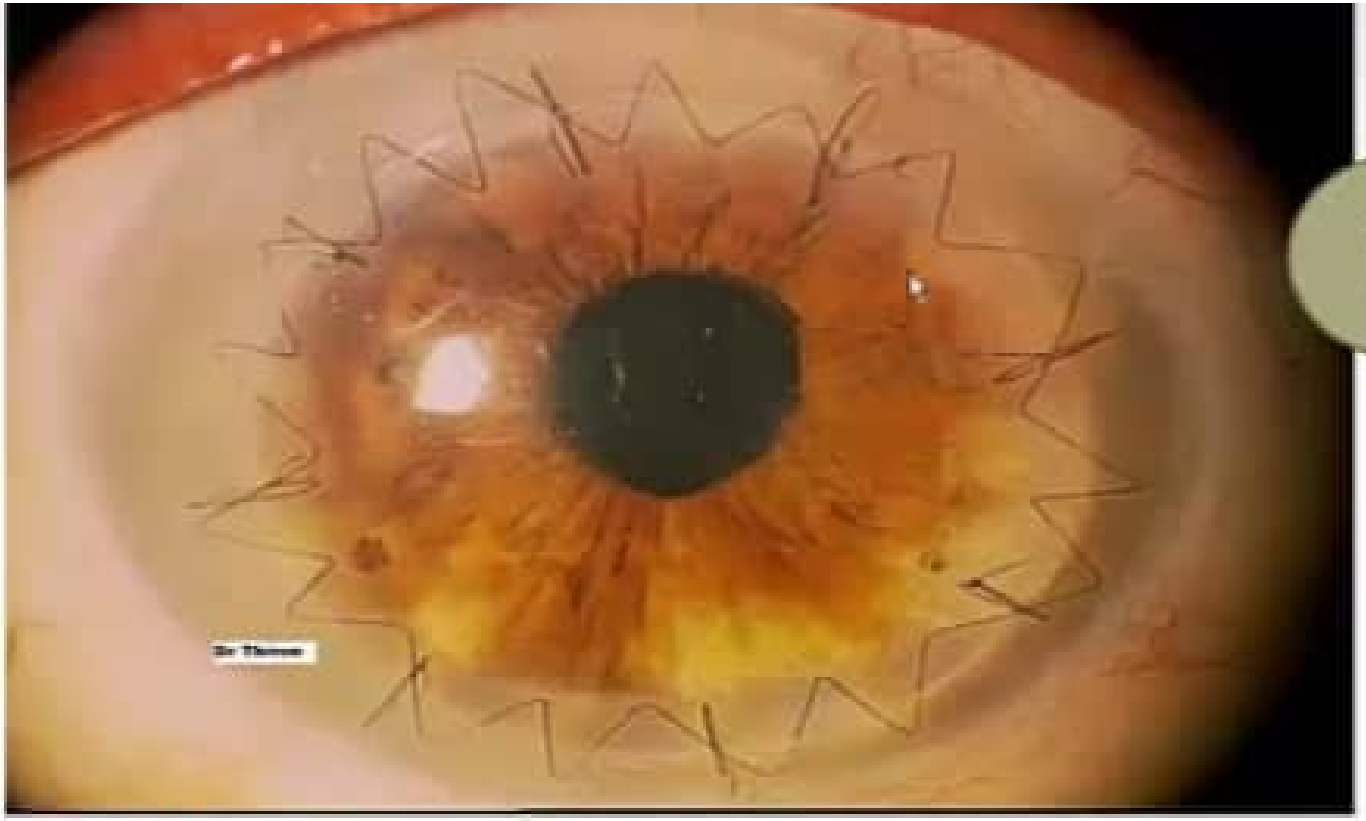

11

- What is your diagnosis ?
- Mention 3 indications ?

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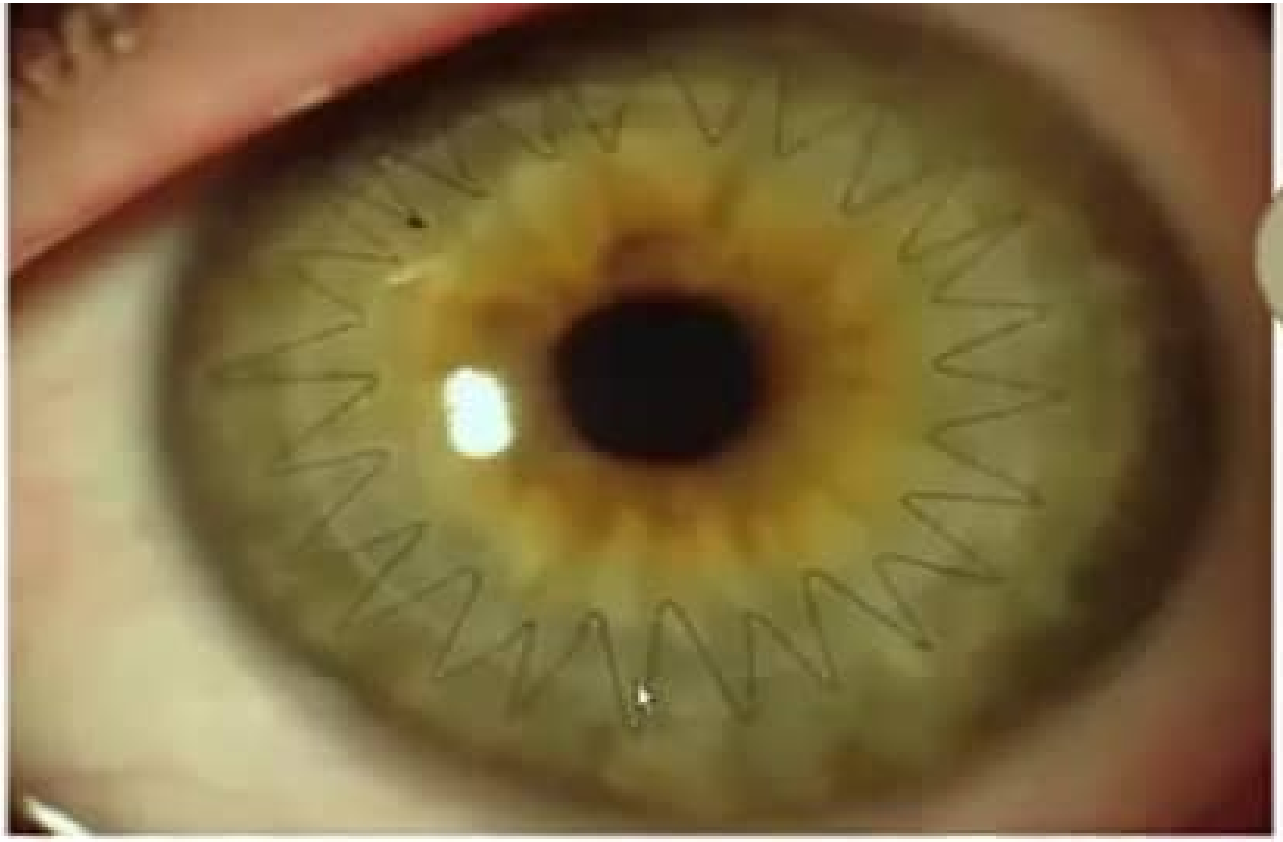

12

- What is your diagnosis ?
- Mention 3 indications ?

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13

❖This is ……., mention two indications?

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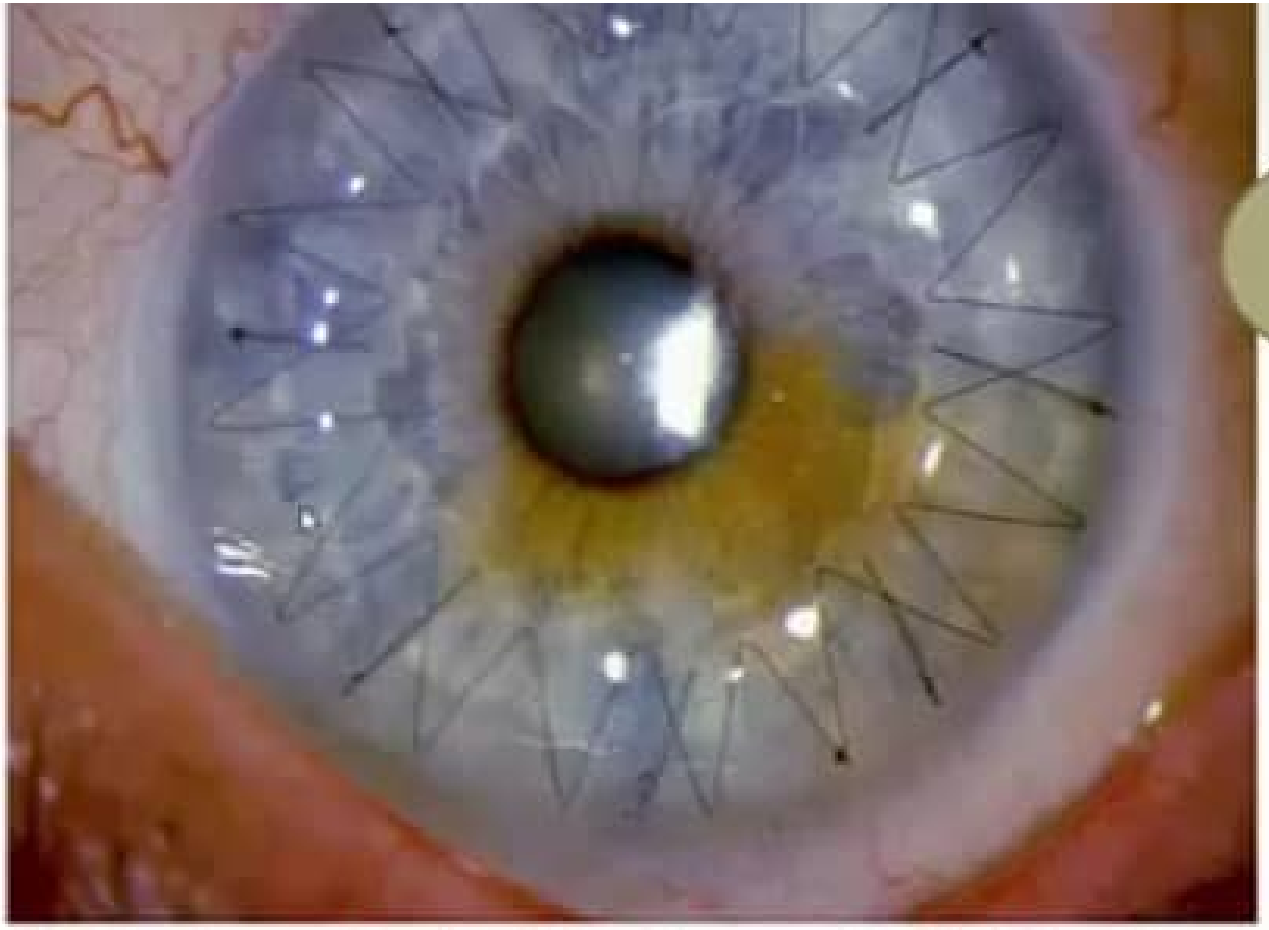

14

- What are the indications of this kind of surgery?

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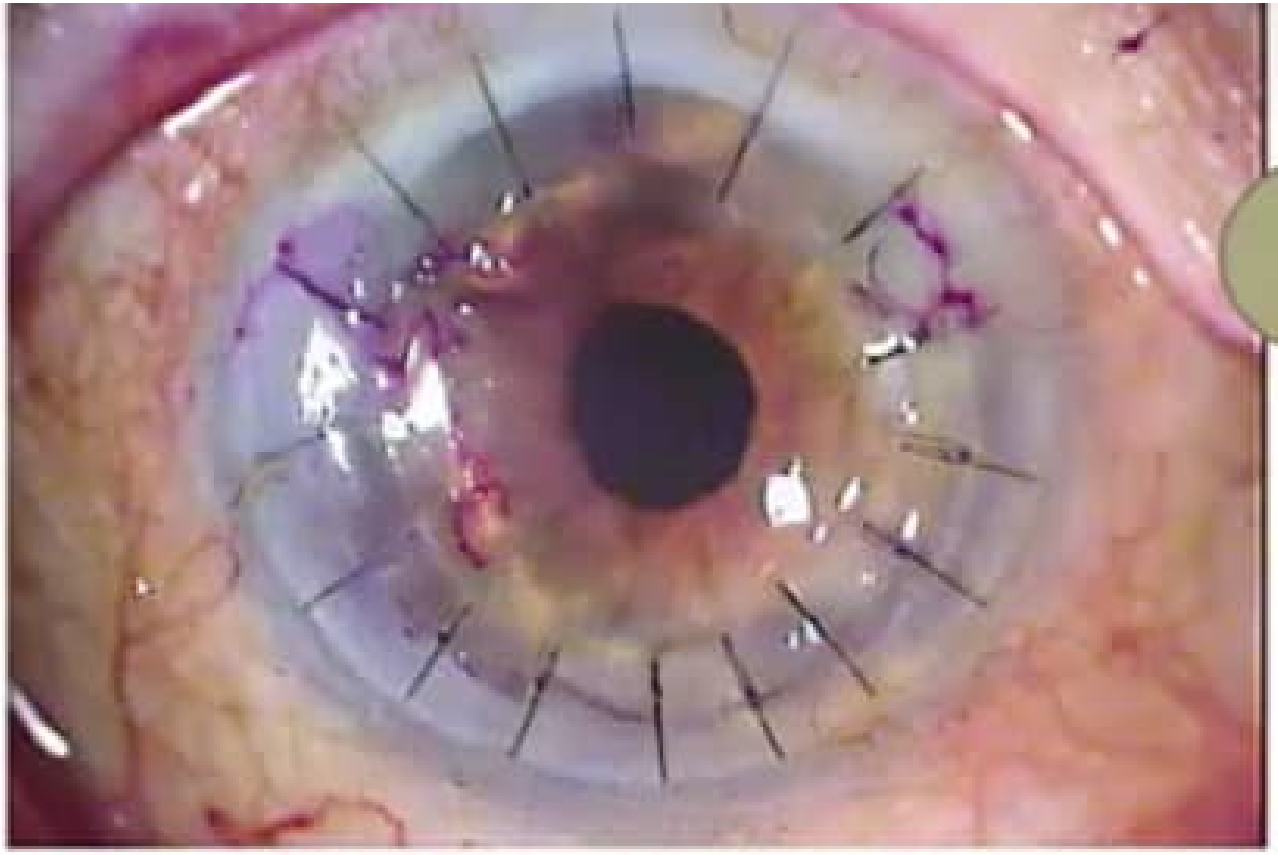

15

- Describe what you can see ?
- What kind of stain has been used ?

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16

- What is your diagnosis ?
- What is the treatment?

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17

- What is the lesion?
- Mention 2 important ocular signs?

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18

- What is positive SIGN?
- What is indicate?

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19

- What is the drug of choice in treating a case like this ?

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20

❖Mention the ocular complications ?

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21

- What is your diagnosis?
- What are the possible eye complications?

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22

- What is your diagnosis?
- When the eye is involved, mention two ocular signs ?

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الممسوحة ضوئيا بـ CamScanner

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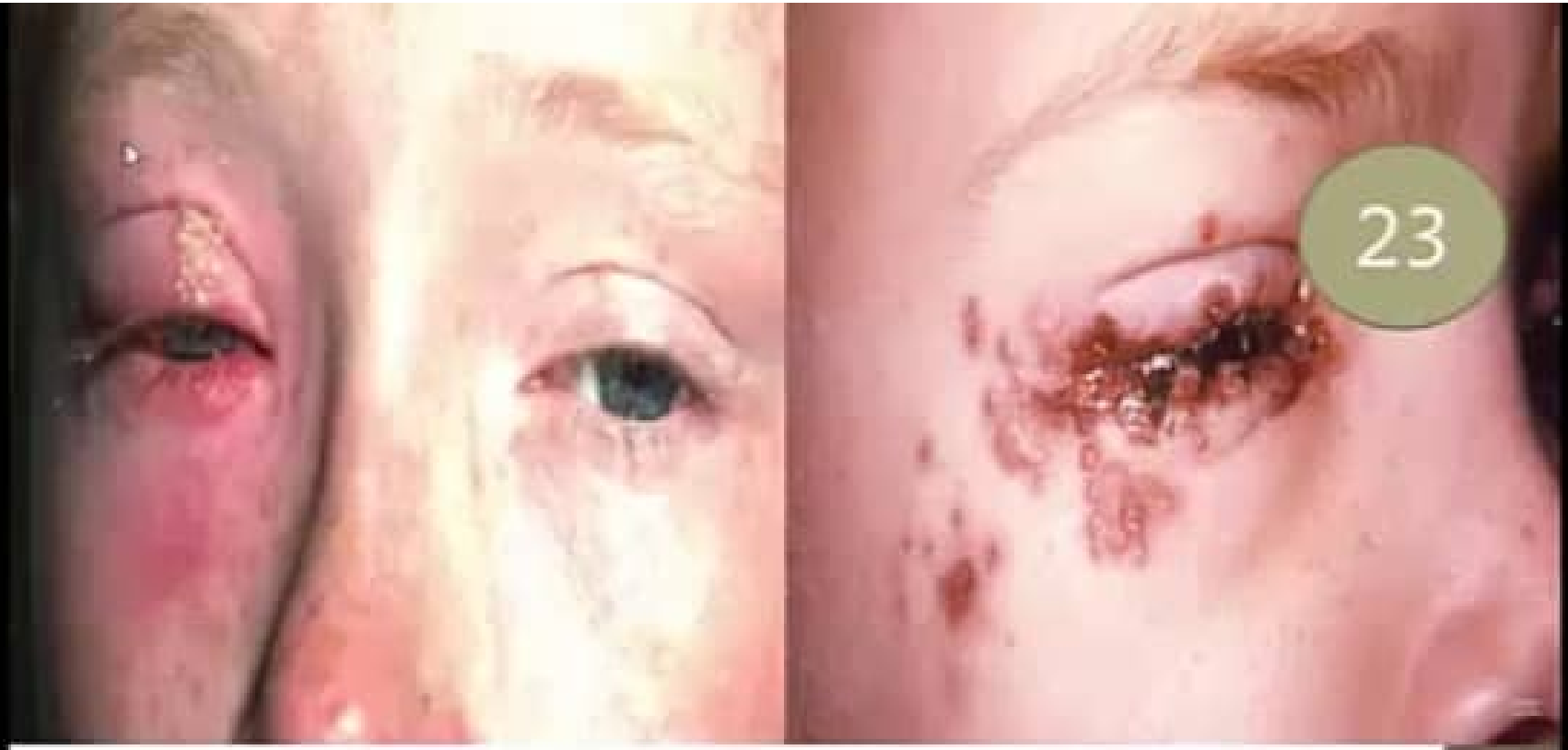

❖What is your diagnosis ?

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24

- What is that lid lesion?
- The treatment is.....

الممسوحة ضوئيا بـ CamScanner

25

- What is the cause of this lesion?
- Mention two drugs used for its treatment?

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26

- What is the diagnosis ?
- What you call the drug that is contraindicated in treating a case like this ?

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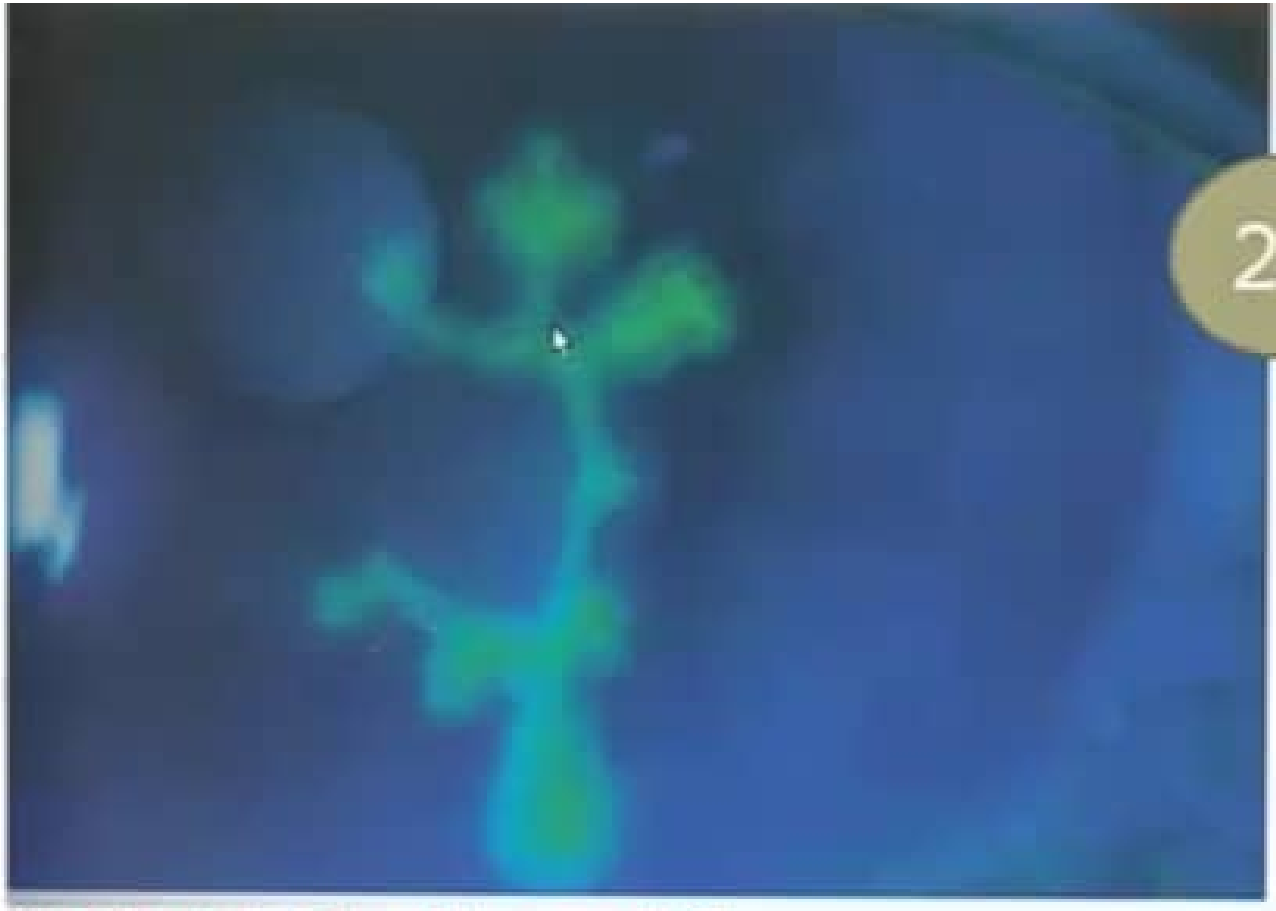

27

- What is the diagnosis?
- What is the drug that should not be used?

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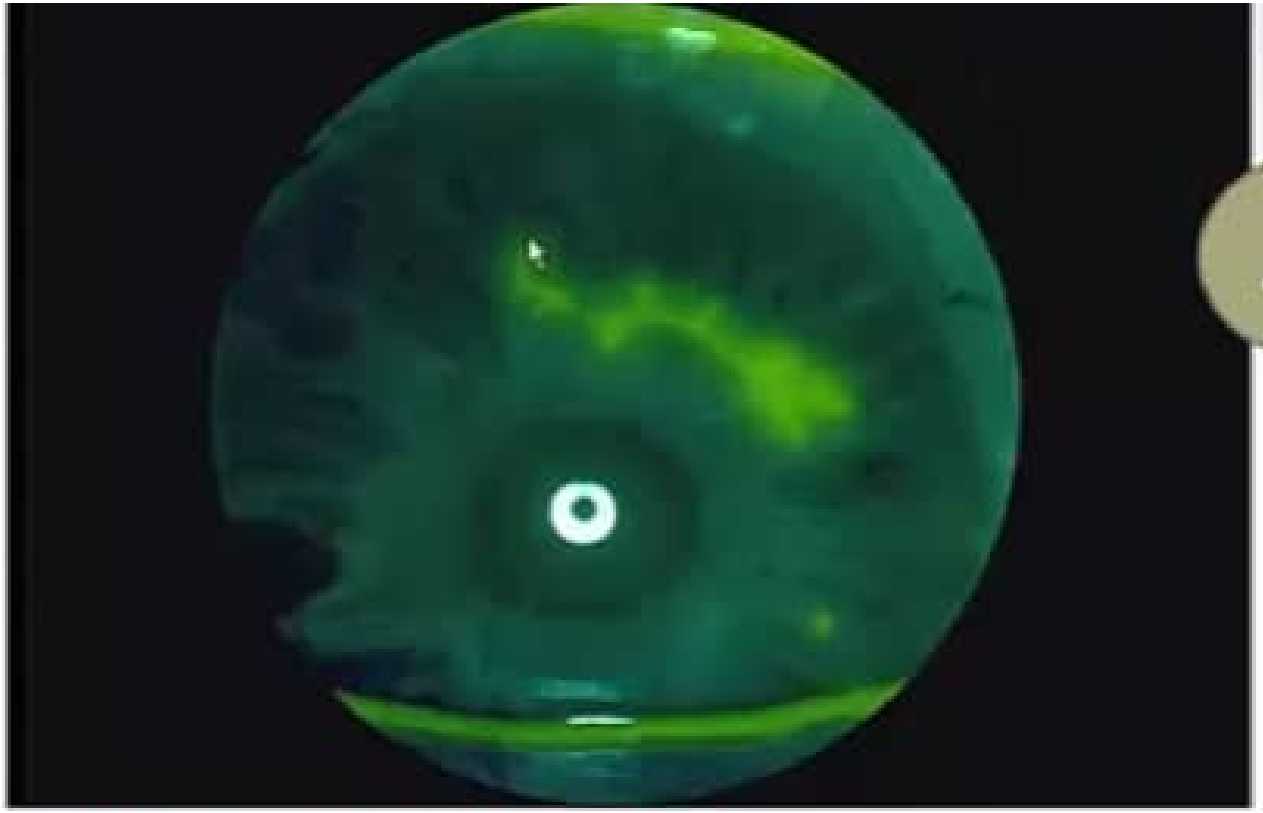

28

- What is the diagnosis ?
- What drug is contraindicated ?

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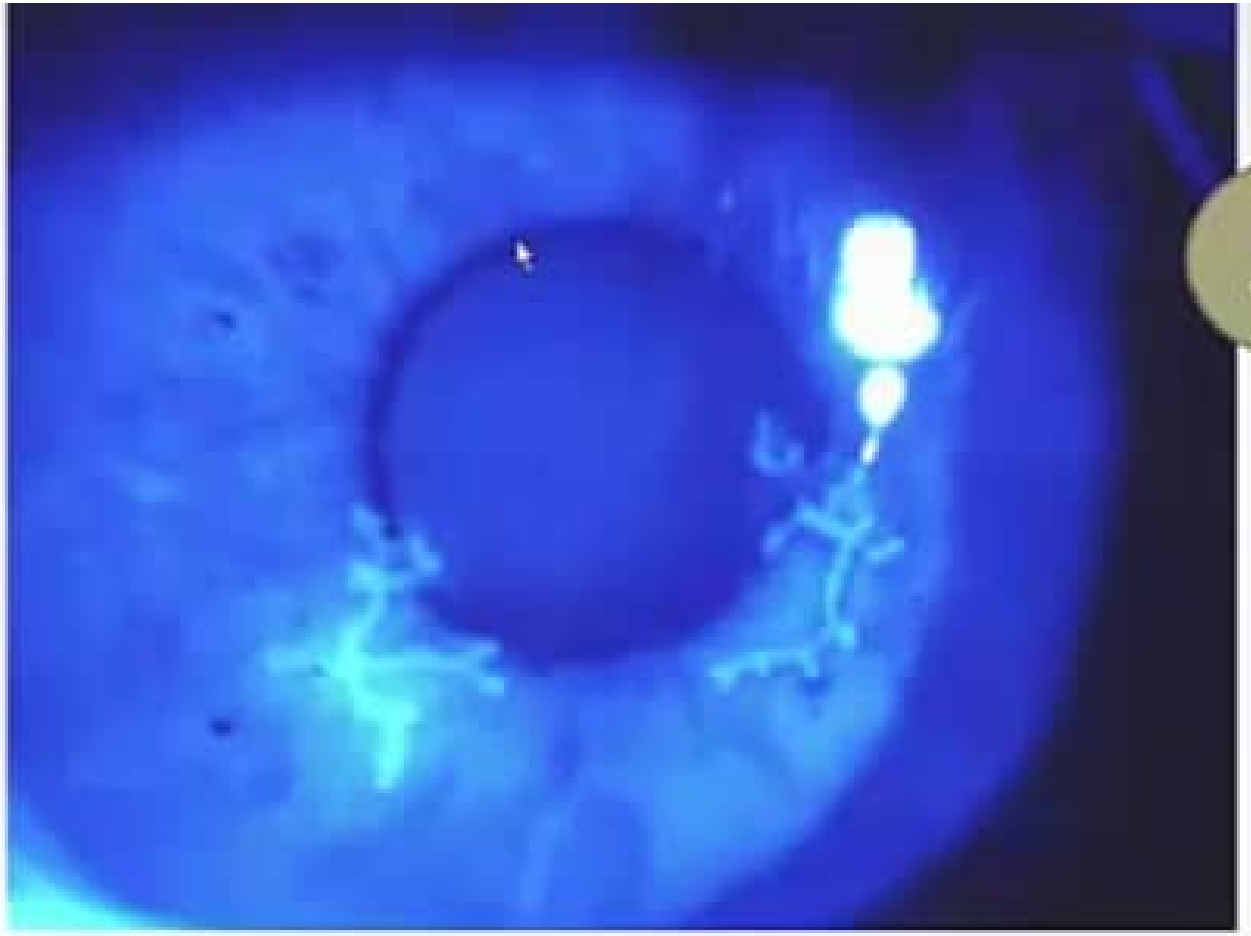

29

- What is the diagnosis?

The cause of such a condition is .....

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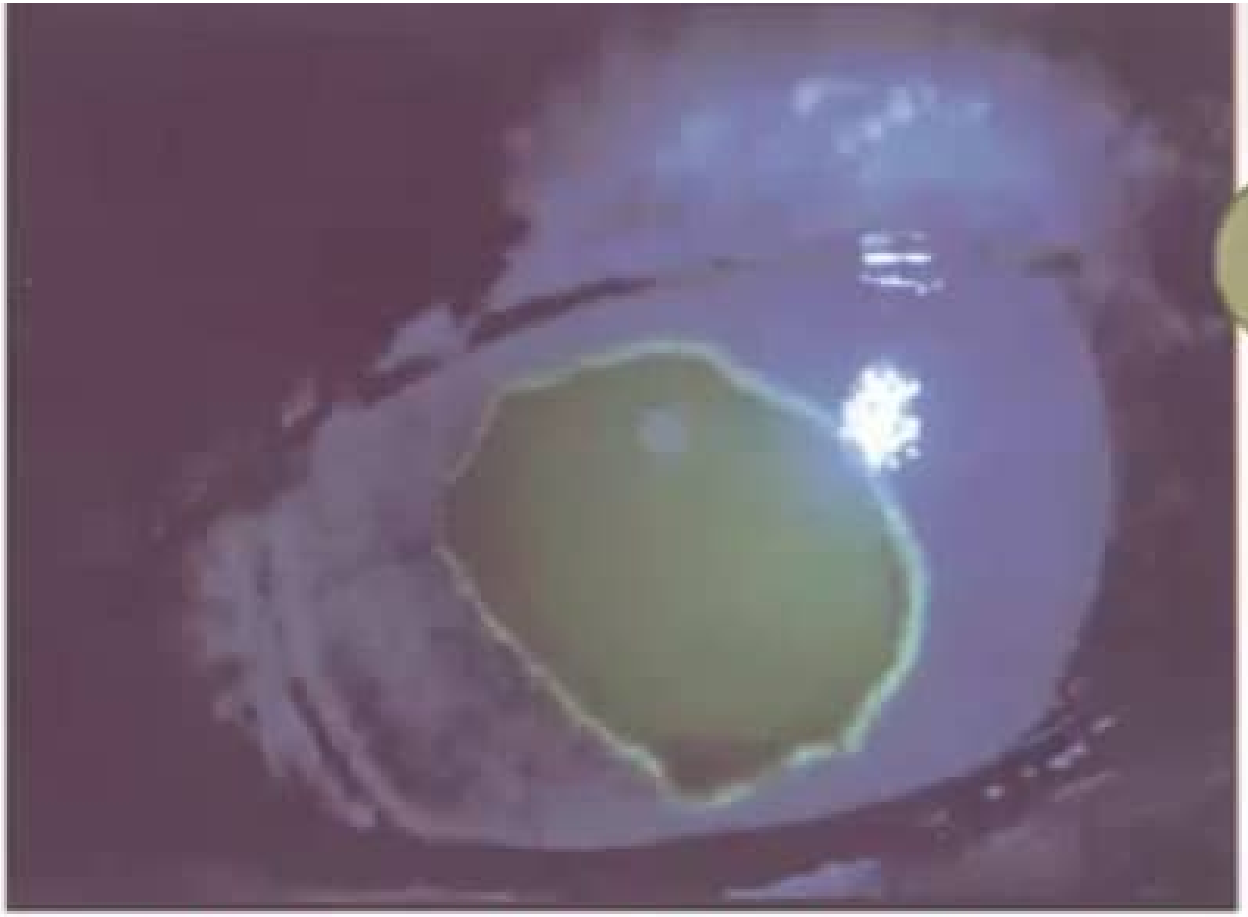
الممسوحة ضوئيا بـ CamScanner



30

- Geographic ulcer usually follow long term using of...

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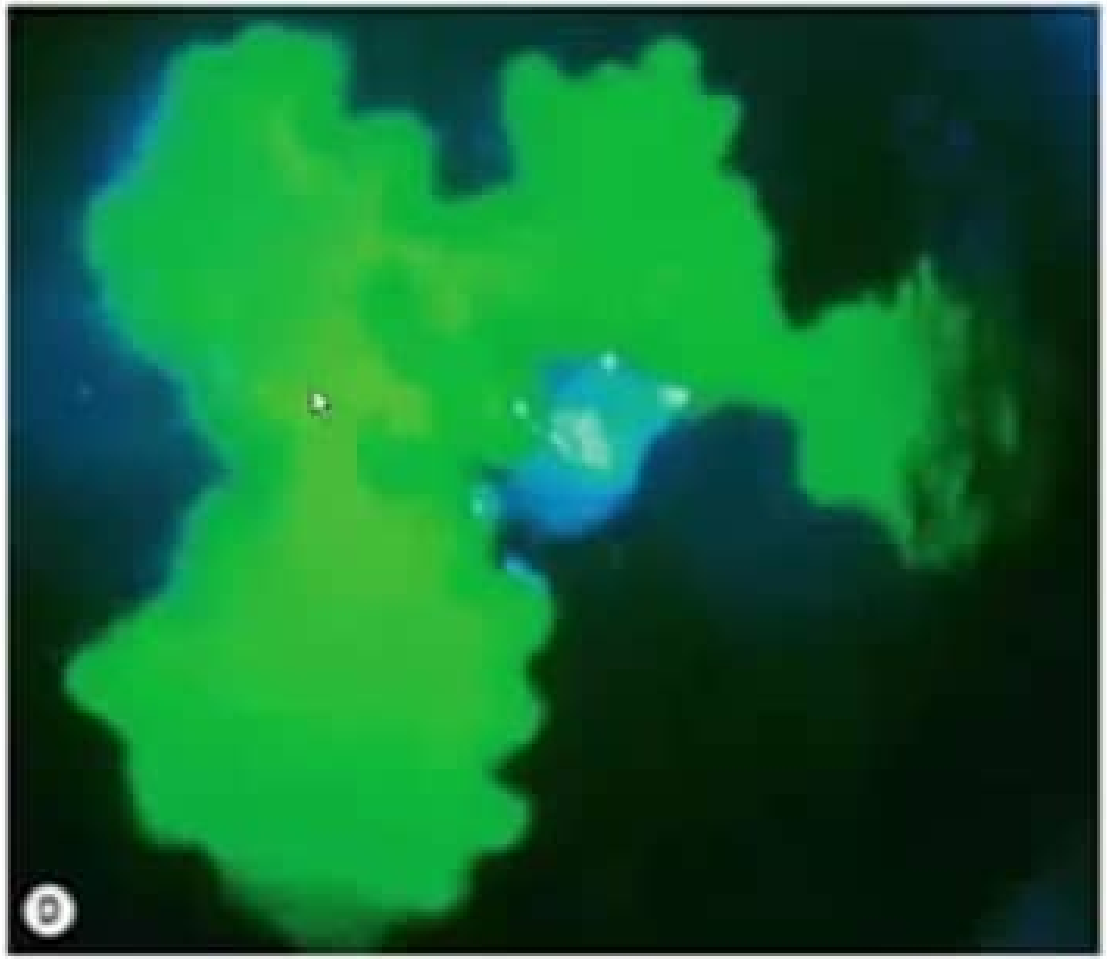

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❖What is your diagnosis ?

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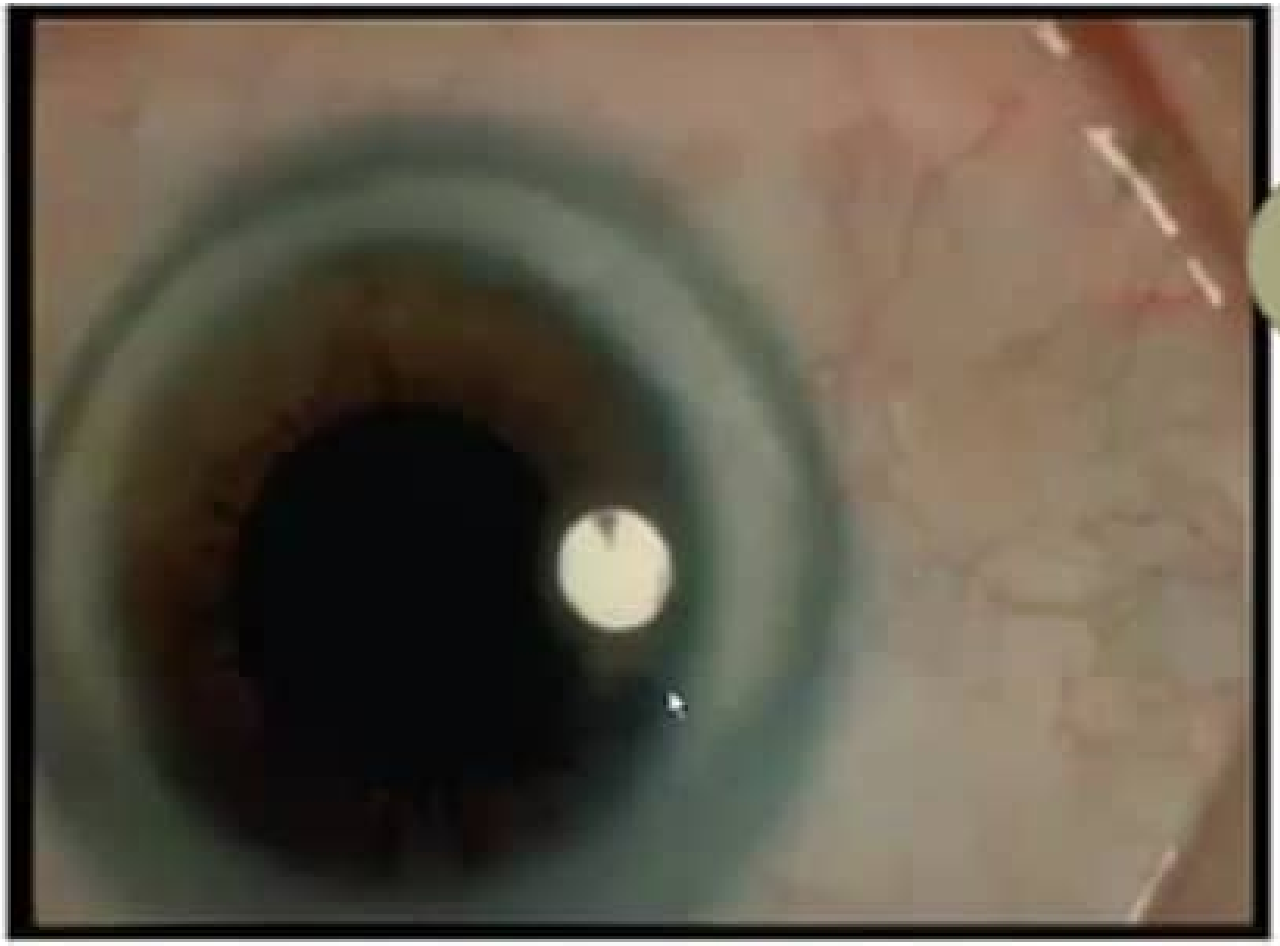

32

Juvenile arcus may indicate a serious problem

- **Write about it briefly.**

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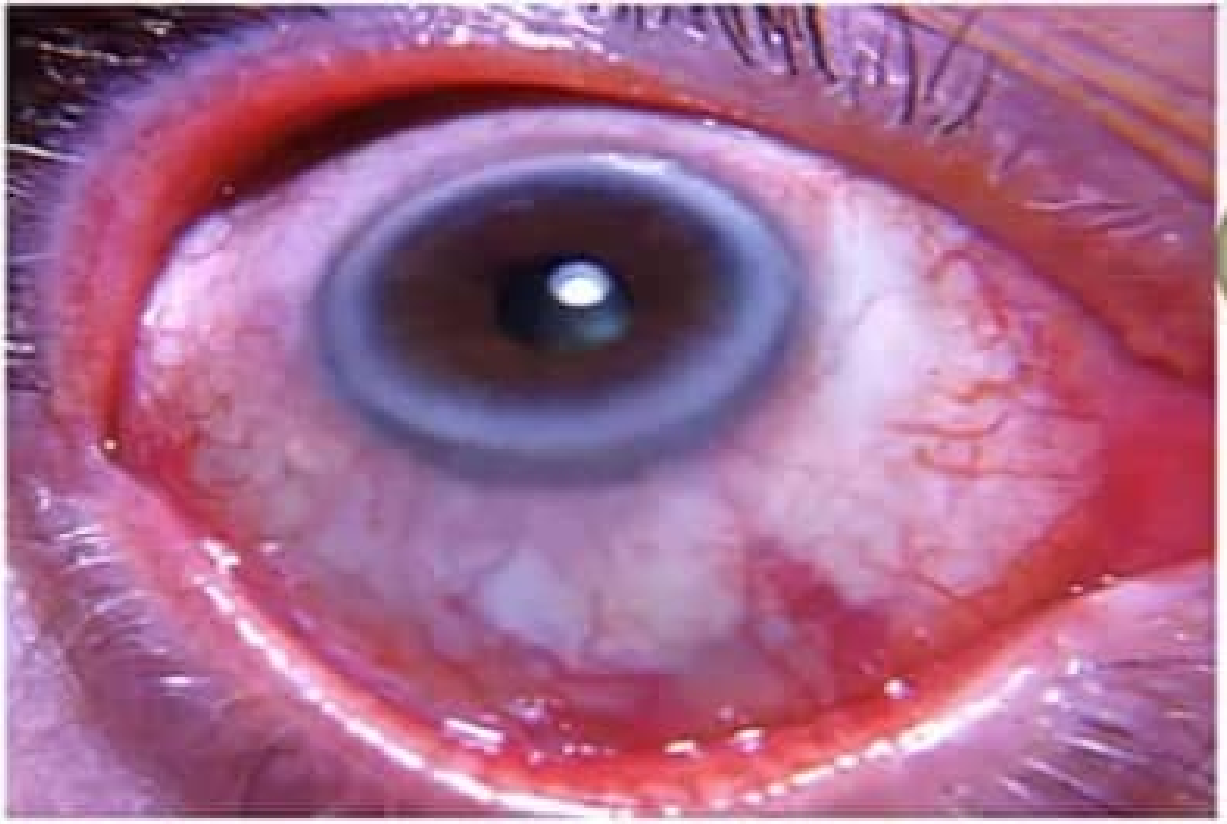

33

- The finding in this cornea is ....
- This patient is 28 year old, what should we suspect?

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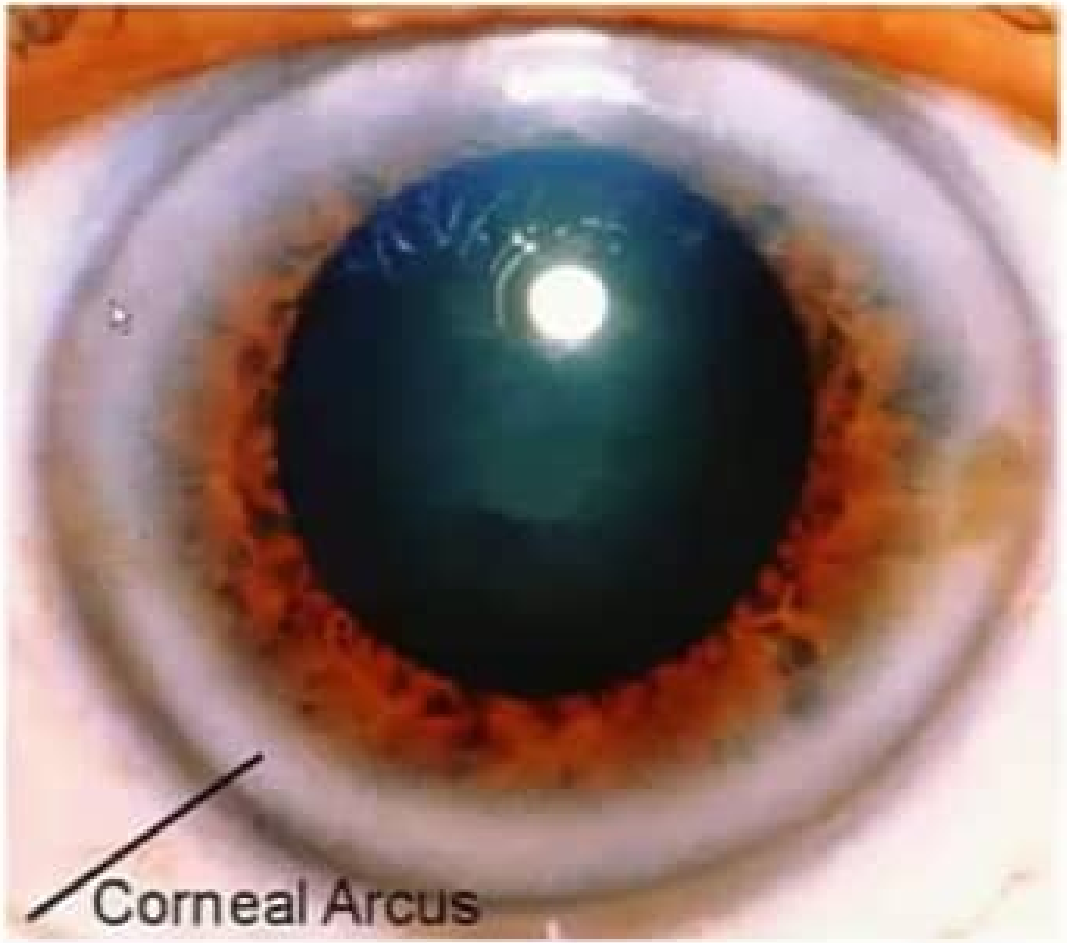
الممسوحة ضوئيا بـ CamScanner



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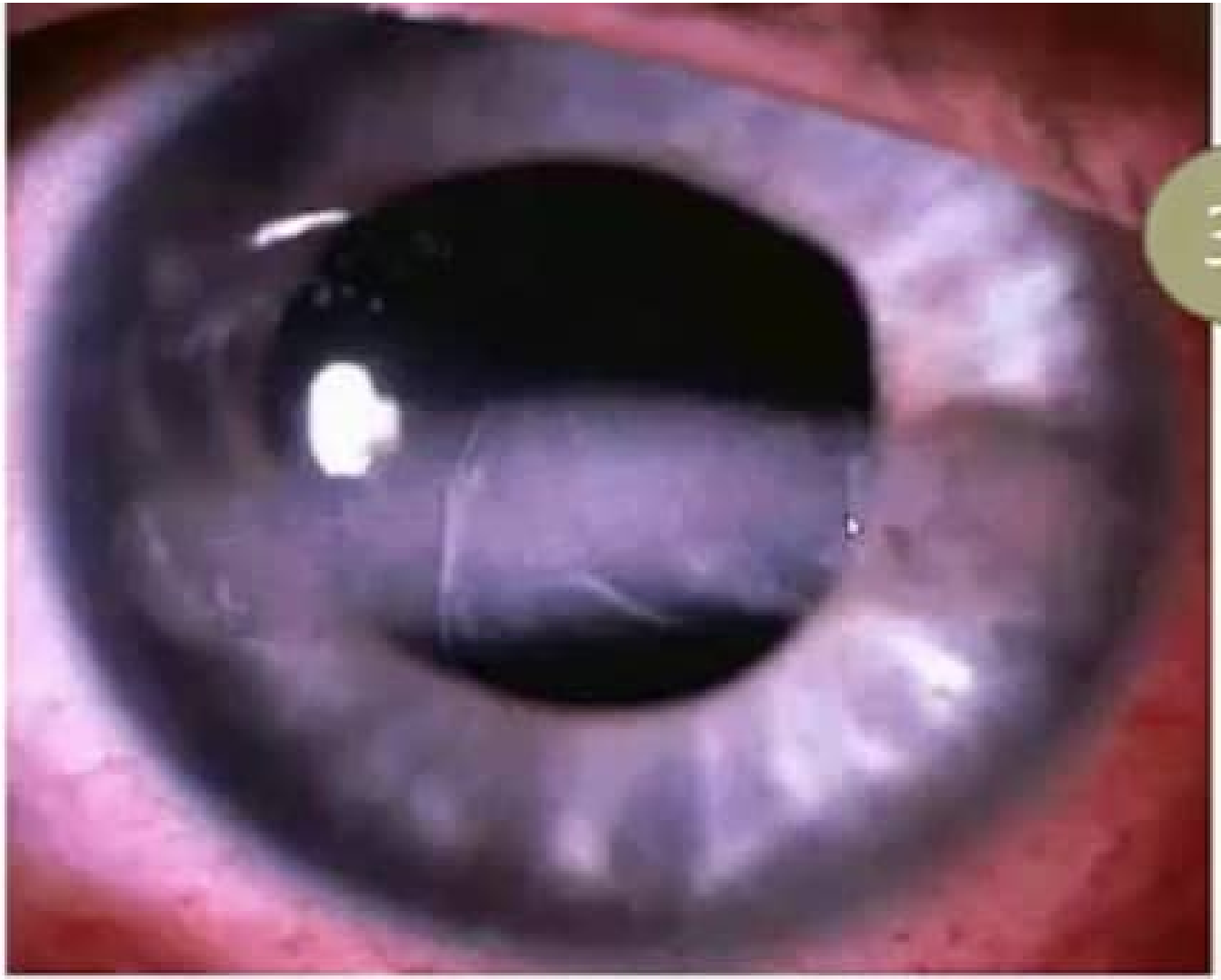

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36

- Mention 2 uses of CL.
- Mention 2 complication?

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- **Wearing contact lenses may lead to complications (Tell me four)**

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❖Mention some of advantages of contact Lenses over spectacles

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❖Classify corneal opacity ?

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40

- This lesion is called ……
- It is effect on vision is due to ……

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41

- What is the type of this corneal opacity?
- How could we ttt this condition?

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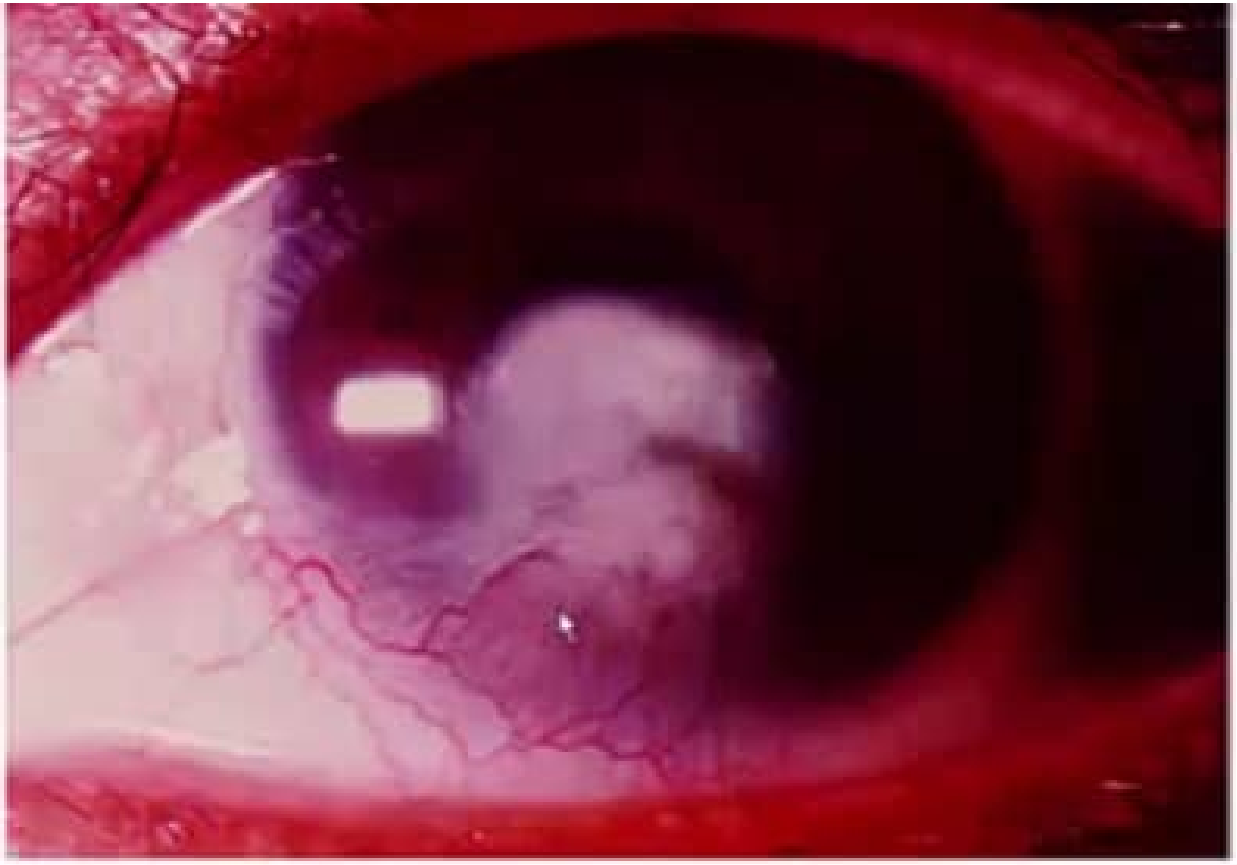

42

- Is it a suitable case for keratoplasty & why ?
- How many types of keratoplasty you know?

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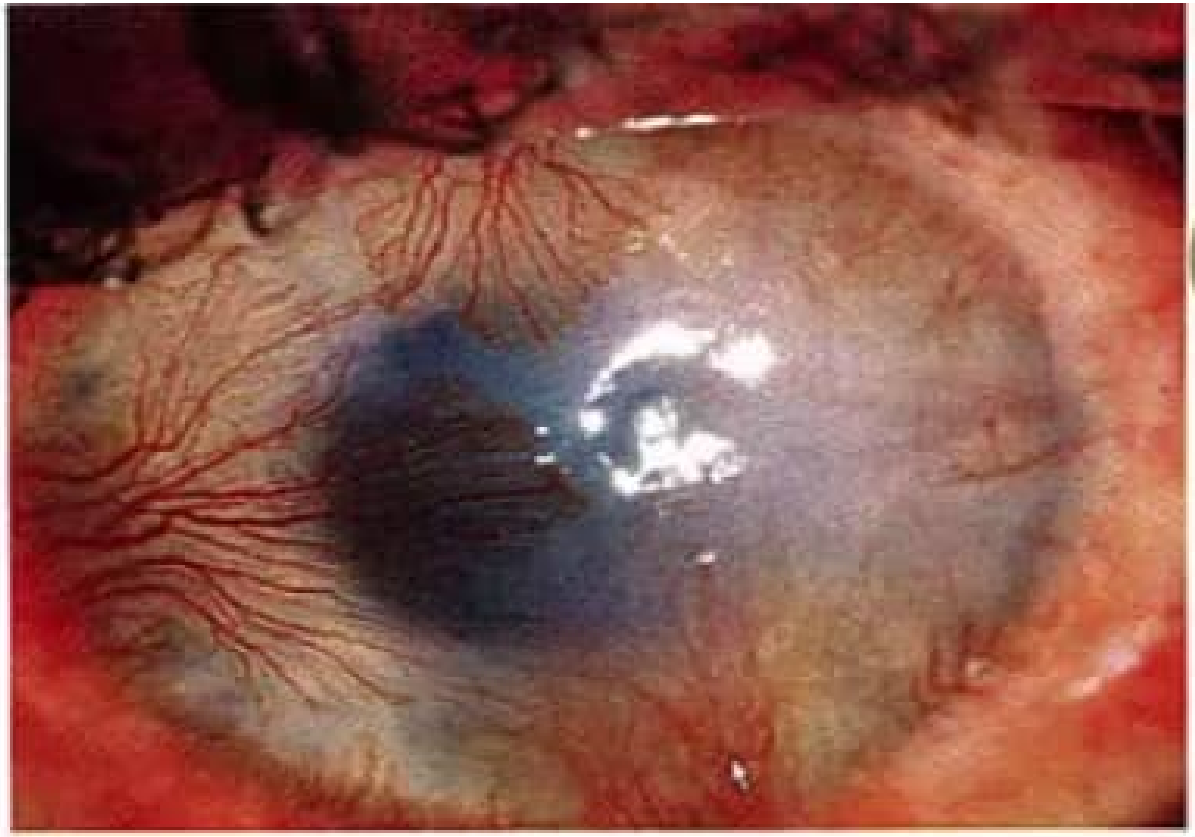

- What is the diagnosis?
- What is the prognosis of keratoplasty?

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The corneal diameter is Large

- **Tell me the D.D**

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- What abnormality you notice?
- What is the differential diagnosis?

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- what is this procedure?
- mention an important indication?

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- What is your finding?
- Mention 2 causes?

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- 1- What is this procedure?
- 2-Enumerate the causes of decreased corneal sensations?

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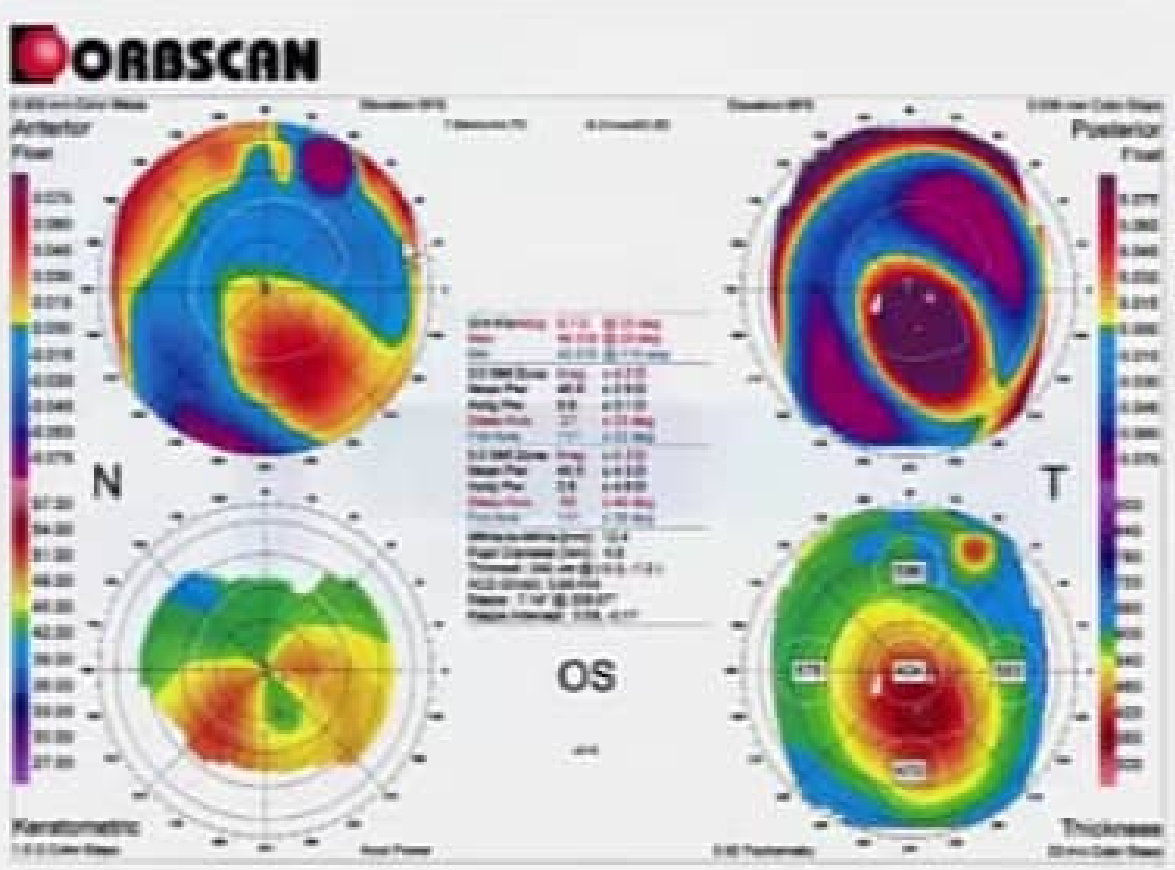
الممسوحة ضوئيا بـ CamScanner



What is this device ?

What is the use of this device?

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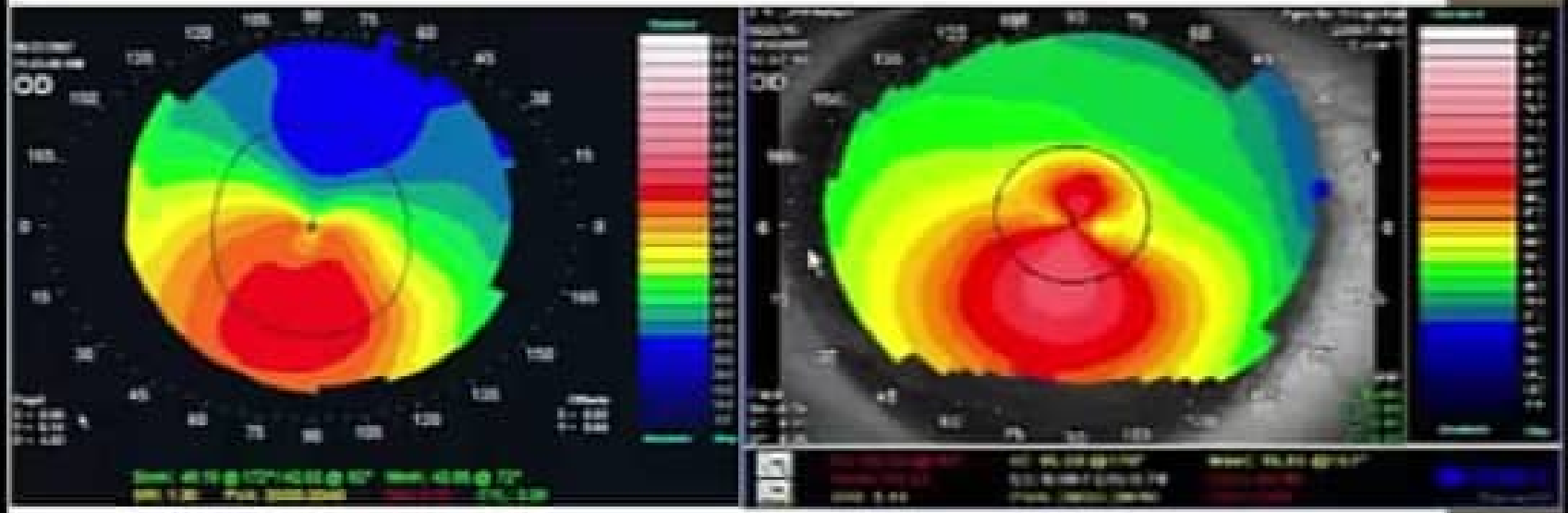

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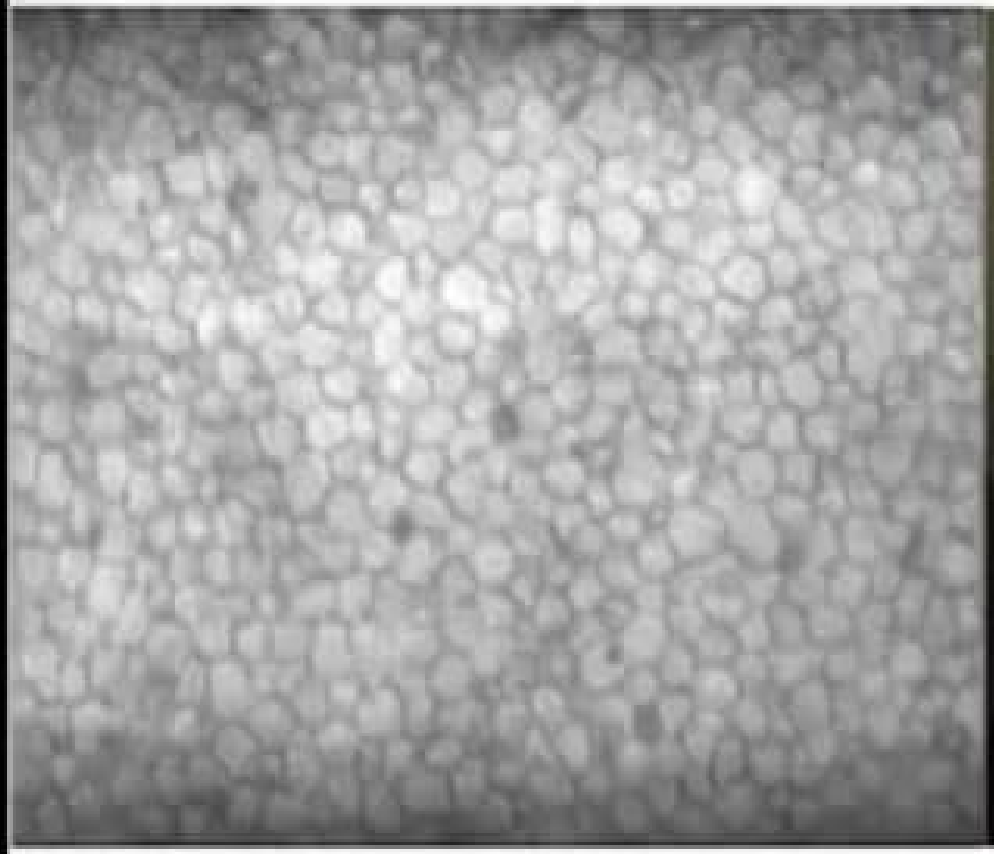

What is the use of this device? In what conditions use?

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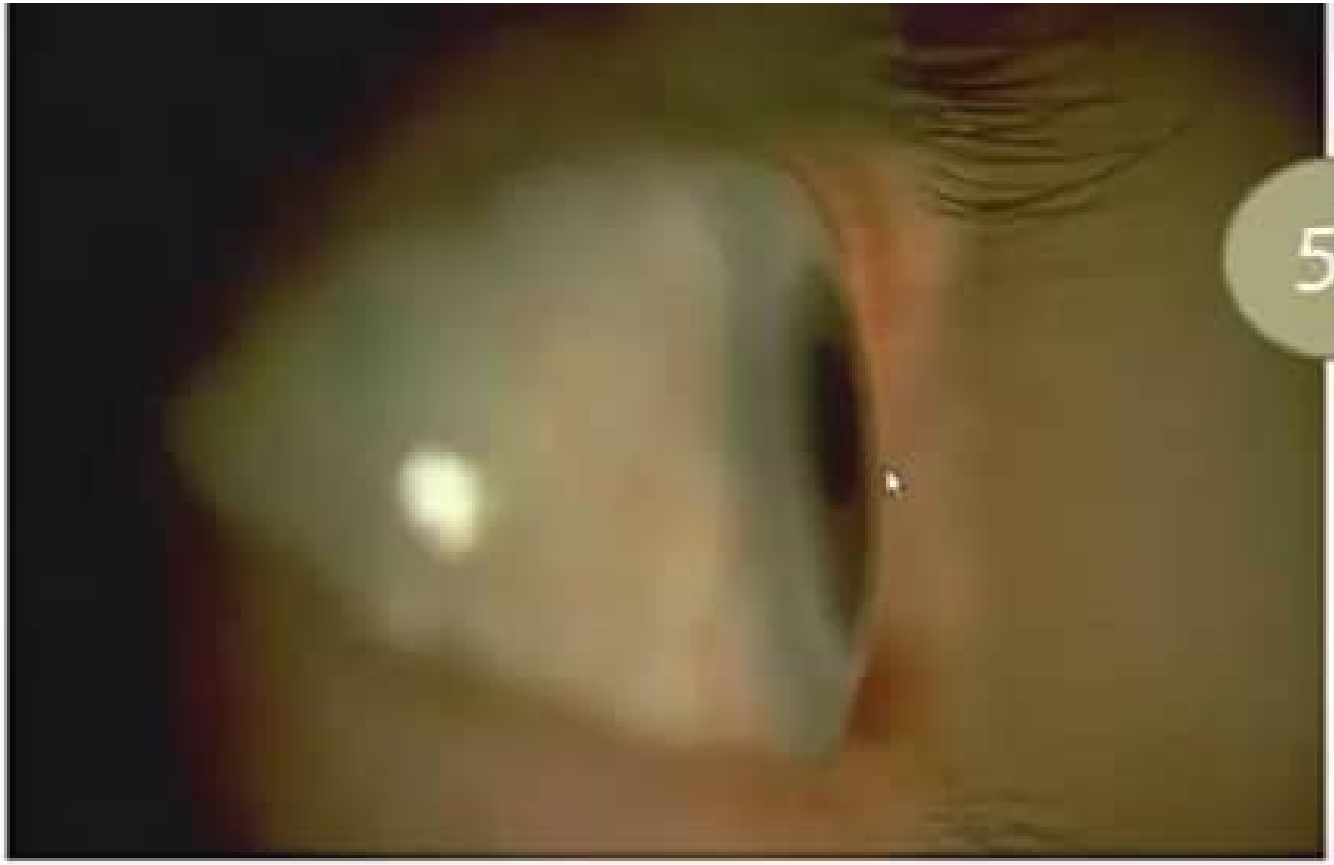
الممسوحة ضوئيا بـ CamScanner



- What is your diagnosis ?

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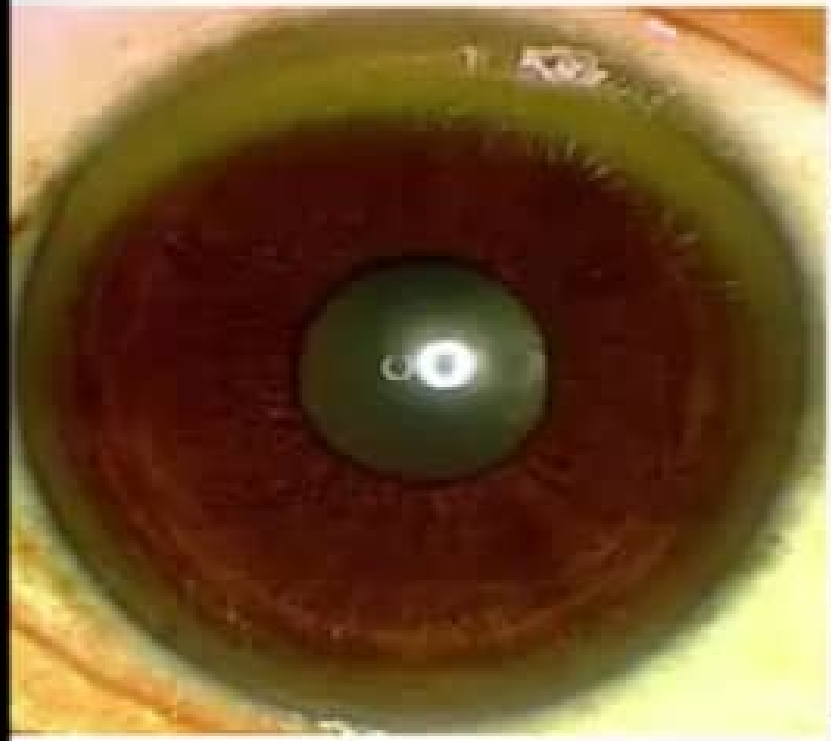

- What is your diagnosis ?
- What are causes?

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What is the use of this device?
In what condition used?

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What is this device ?

What is the use of this device? In what condition?

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What is the abnormality ?

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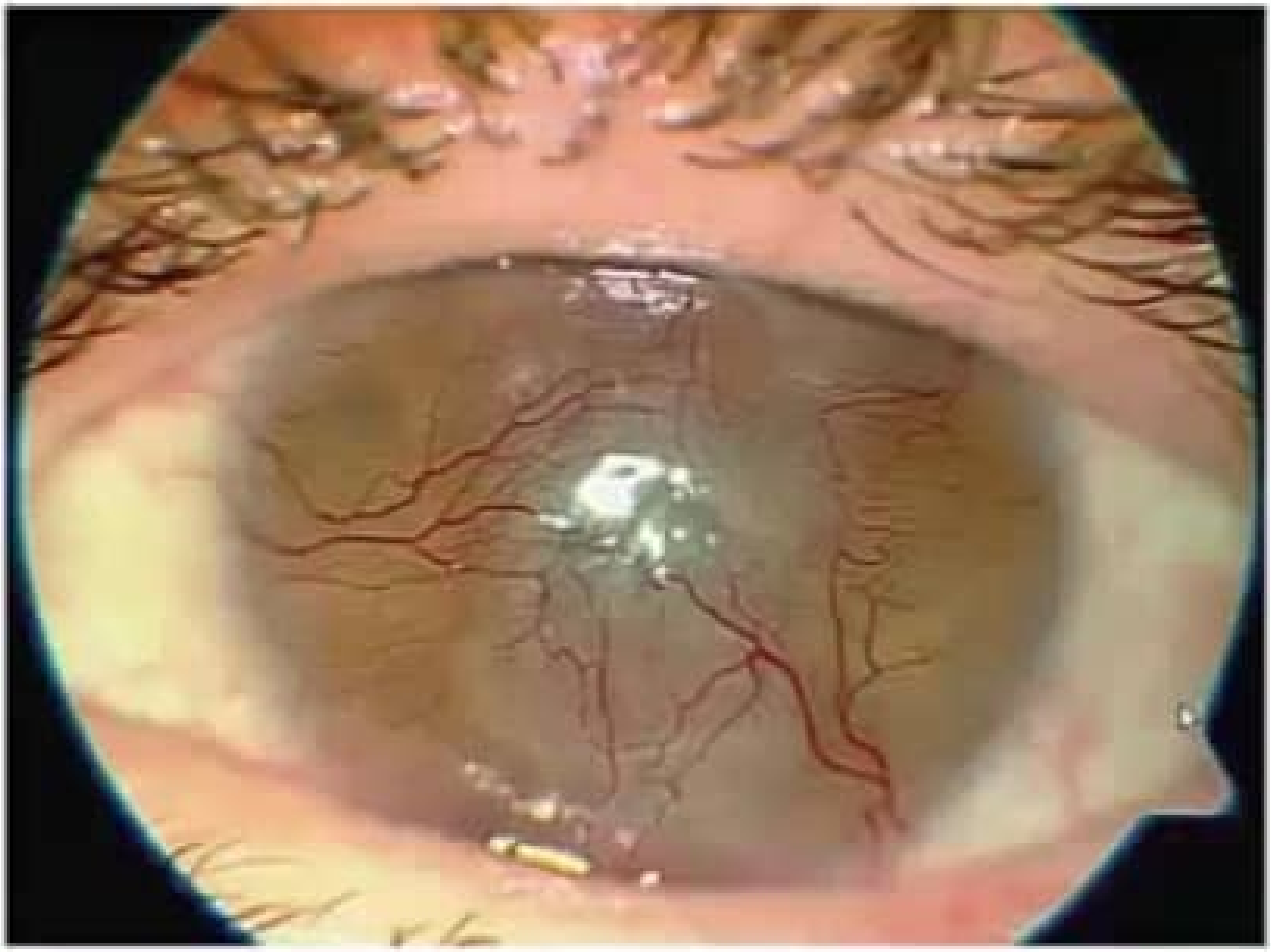

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- What is your diagnosis ?
- What is the treatment?

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الممسوحة ضوئيا بـ CamScanner

What is this device ?

What is the use of this device?

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What is this device ?

What is the use of this device?

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- What is this surgery?
- What are complication of this surgery?

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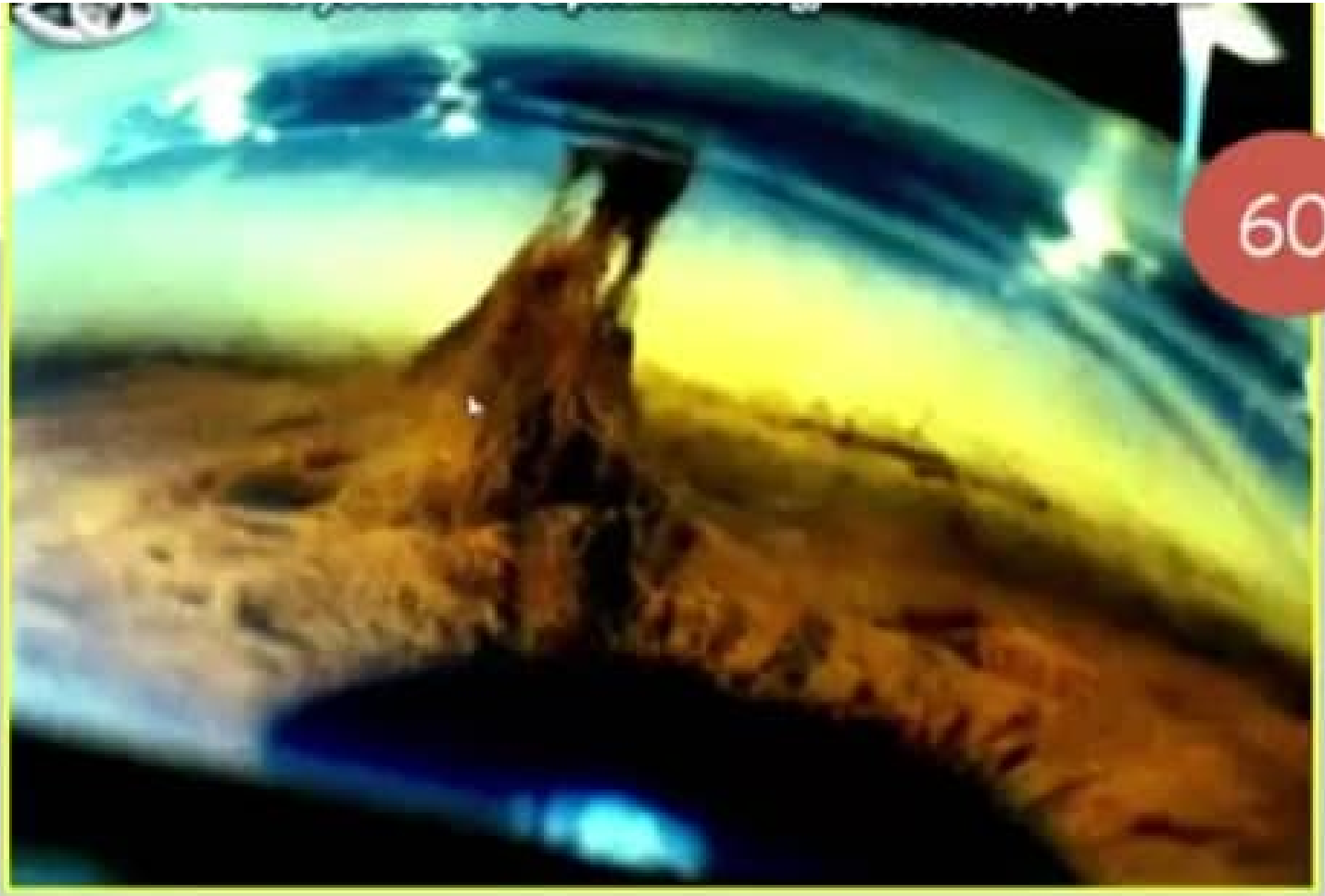

- What do you call this Lesion?
- Name 2 Causes?

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Sign? - diagnosis? – Treatment?

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WHAT DO YOU CALL THIS SIGN?

NAME 2 METHOD TO TREAT THE DISEASE .

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advanced keratoconus.

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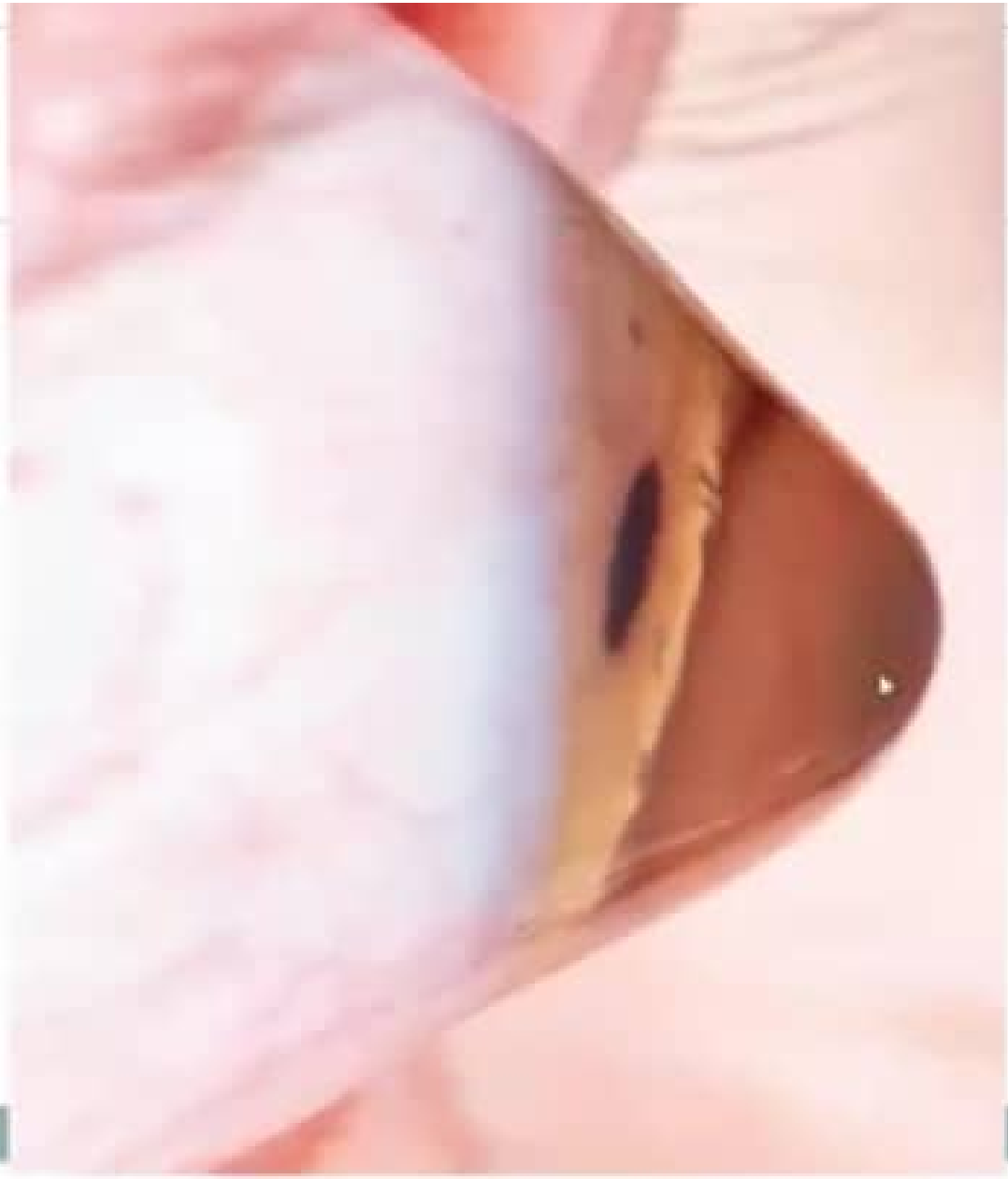
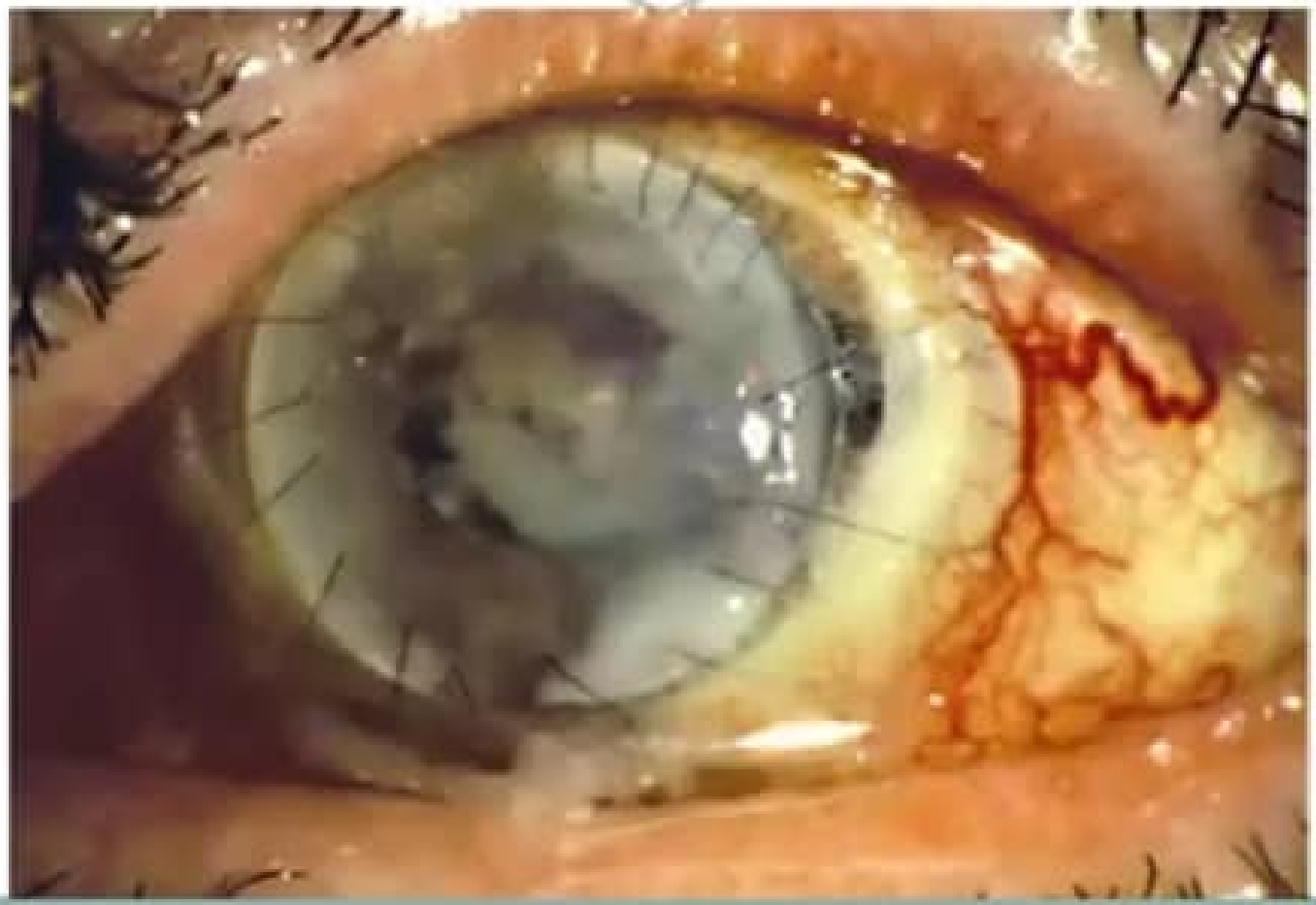


الممسوحة ضوئيا بـ CamScanner

Keratoplasty after remove Suture

الممسوحة ضوئيا بـ CamScanner

Rejected Keratoplasty



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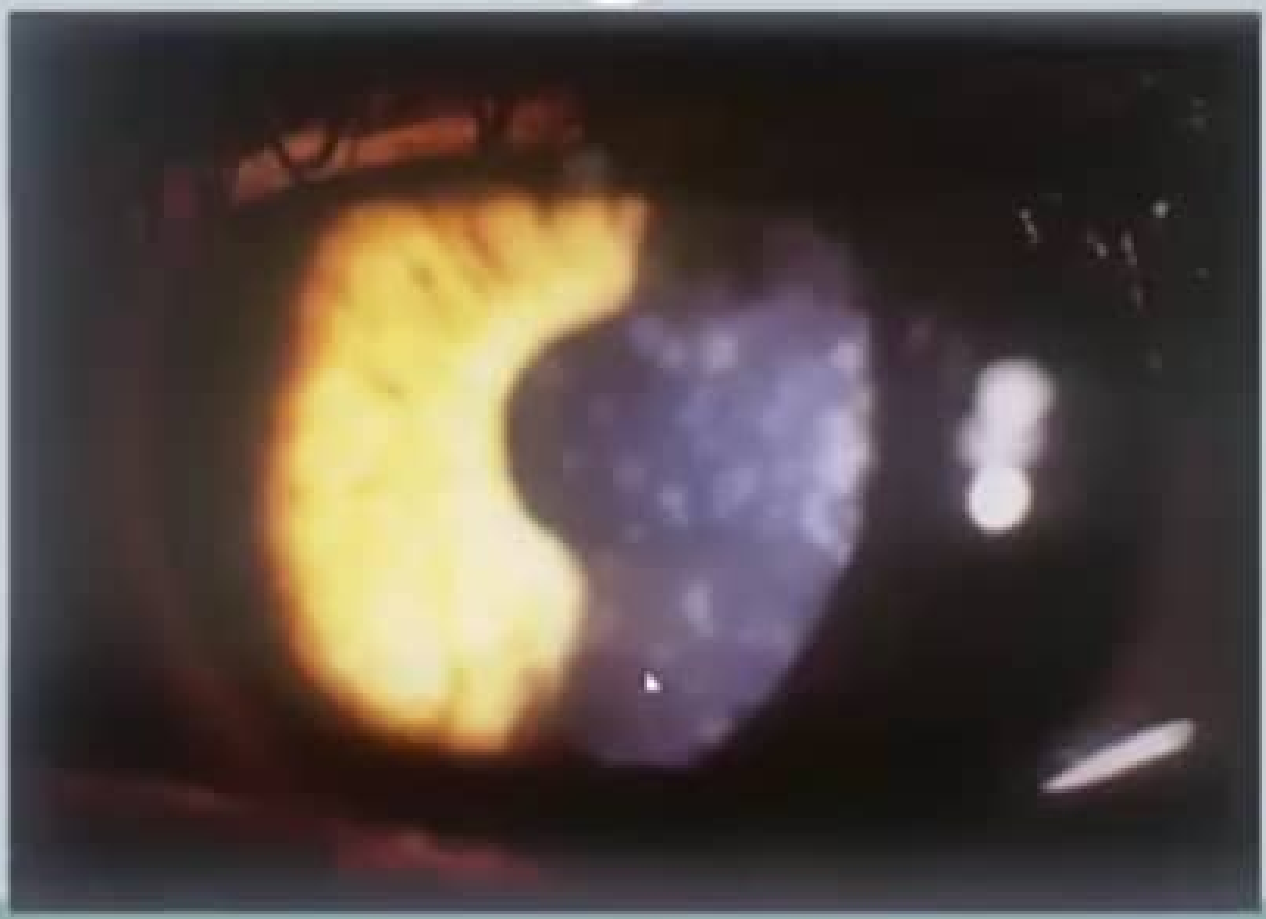
Adenoviral Keratitis



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Cornea Plana

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Dendritic Ulcer

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geographical ulcer

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Dermoid cyst

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Kayser-Fleischer rings

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Band shaped keratopathy

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hypopyon corneal ulcer

الممسوحة ضوئيا بـ CamScanner

موضوع الدرس: Cornea

التاريخ: / / ٢٠٢٠م

اليوم: .....

المواضيف: / / ١٤٤٢هـ

① What are the different factors responsible for Corneal transparacy? Corneal dehydration (Corneal endothulim) ② Corneal is avascular ③ nerve ending is non myelinated ④ There's no Laymphatic. ⑤ epithulim is non-kertanizid ⑤ regular arragment of Collegen.

② The Cornea stroma formed of :-

① Collagen fiber ② ground substance ③ cells

③ What's the function of endothele cell layer of Cornea?

Keep the Cornea in dehydration States.

④ Mention the Causes of Corneal edema? ① Trauma ② Keretitis

⑤ What's the diagnosis? KeratoConus (pulging)

- What type of error of refraction?

① Curvature myopia ② Irregular astigmatism.

⑥ What's the diagnosis? KeratoConus.

- Is the succeses rate of pentesting keratoplusty good or bad in this patients? good.

⑦ What's the diagnosis? KeratoConus.

- Discuse berifly the managment?

in mild Cases:- glases or hard Contact lenes

in moderat Cases:- Corneal Collagen Cross-linking.

in Sever Cases:- Penetrating keratoplasty.

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(8) What's the diagnosis? KeratoConus

• Mention 3 medalites of treatment?

① glases ② hard Contact lens ③ keratoplasty.

(9) What's the positive Sign? Munson's sign (notching of lowerLid on down looking.

• What's indicate? Advanced keratoconus

(10) This is an acute presenetation, name it, anel mention the difenitive treatment after?

Acute hyprops. keratoplasty.

(11) What's your clignosis? keratoplasty.

• Mention 3 indiCationes? ① keratoconus

② Central Corneal opacity ③ Resistant Corneal ulcer.

(13) This is keratoplasty.

(14) (15) What are indication of this kind of surgery?

① keratoconus ② Central Corneal opcity

(15) Describe what you Can see? ① Red eye

② keratoplasty ③ Oval in shape pupil ④ Rose بنغال

• What kind of Stain has been used? Rose bangal.

(16) What's your diagnosis? rigected keratoplasty.

• What's the treatment? ① topical, Sys. Steroicl.

(17) What is the lision? Herpes Zoster ophathalmos.

• Mention 2 important ocular signs?

① denderic keratitis ② Conjunctivitis ③ scleritis

④ Uvitis ...

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(18) What's the positive sign? Hutchinson's Sign

- What is indicated? Keratitic (Corneal involument)

(19) What's the drug of choice in treating a case like this? Acyclovire

(20) Mention the ocular Complication?

Keratitis - Scleritis - Conjunctivitis, glaucoma...

(21) What's the diagnosis? Herpes zoster ophthalmos.

- What are the possible eye Complication?

→ the Same.

(22) What's your diagnosis? Herpes zoster ophthalmos.

- when the eyes involved, mention to ocular sign?

→ the Same.

(23) What's your diagnosis? Herpes Simplex

(24) What's the lid lesion? " "

- The treatment is Acyclovir. (steroid لا يعطى)

(25) What's the Cause of lesion? Herpex Simplex (Dentric ulcer)

- Mention tow drug used for treatment?

① Acyclovire ② trifluridine Rosa Bangla استخدام

(26) What's the diagnosis? Dentric ulcer. → Fluorcent staining

- What you Called the drug that's Contrainedication in the Case? Steroid.

(27) the Same answer of 26

(28) " " " " "

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(29) What is your diagnosis? Dentric ulcer.

- The cause such condition is Herpex simplex, Zoster.

(30) Geogrophic ulcer follow usually long term using of steroid.

(31) What is your diagnosis? Corneal arcus blew 50 years (senile arcus (in adult) above 50 years, jenuvial arcus (in ~~children~~)

(32) jenuvial arcus may indicate a serious problem; write about it? indicate to hyperlipidemia.

~~Hyperl~~ Blood lipid profile تحليل دهون في الدم.

وتم تحليل كدهون في جسمه.

(33) The finding in this cornea is corneal arcus (jenvi

- This patient is 28 years old, what should we suspact? Hyperlipidemia

(34) What is the diagnosis? Band keratopathy.

(35) " " " ? " "

(36) Mention 2 use of Contact lenes (CL)?

① in refrector error ② in Cosmotic ③ Theruptic

(36) - Mention 2 Complication? ① Microbial keratitis

② allergic Conjunctivitis

(37) Wearing Contact lenes may lead to Complication (Tell me four?) ① allergic Conjunctivits

② Microbial keratitis ③ Corneal Vascularization

④ Corneal edema due to hypoxia.

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(38) Enemurate some of advantages of Contact lenes Over Specticales?

Contact lenes	Spectales (glasses)
good visual فاعلية وإبصار كويس بتكون معاه	هنا بتكون أقل
Comostic	في ناس مايحبوها
خفيفة	نوعاً ما ثقيل

(39) classify Corneal opicity?

① Nebula (Superfacia layer of Cornea سطحي ال

② Macula (Stroma نص ال)

③ Leucoma (Stroma كل ال)

(40) This lesion is Called leucoma (central)

- It's affect on vision is due to Astigmatism

(41) What's the type of the Corneal opacity? leucoma (Central)

- How good was HI this Condition? penetriting keratoplasty.

(42) Is it a Suitnable Case for keratoplasty, why?

No, due to Corneal Vascularization.

- How many types of keratoplasty you know?

① Penetrating keratoplasty. ② lamile keratoplasty

(43) What's the diagnosis? Corneal neovasclarization

- what's the prognosis of keratoplasty? very Poor.

(44) The Corneal diameter is large, tell me DD?

① Congental glucoma ② high myopia

③ " Macro Cornea

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(45) What abnormality you noticed ? MacroCornea

- What's the DD? the same answer of 44

(46) What's this precedure? Paracentesis

- Mention an important indications?

① Sever hyphemia ② Sever hypopoin ③ Central retinal artery occulsion.

(47) What's your finding? hypopion

- Mention 2 Causes? ① Uvitis ② keratitis.

(48) What's this procedure? assiste Corneal Reflex.

- enumarate the Cause of decreased Corneal Sensations?

① Herpes Simplex ② Herpes Zoster ③ DM ④ leprosy...

(49) What's this divce? Corneal topography.

What's use of this divce? Mainly for KeratConus

(50) What's the use of thic device?

Measure endothaliak Cell Count ~~[illegible]~~

- In which Condition use? in keratoplasty.

(51) What's your dignosis? Corneaplana.

(52) What's your dignosis? kiyser-fleischer rings.

- What are the Cause? ① Wilson's disease

② Intraocular forigen body.

(53) What's the use of this devica? to stablization of vision.

in what of Condition? keratopalans.

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(54) What's this device? Pachymetry

- What's the use of this device? to measure thickness of Cornea.
- in what Condition? ① keratoconus ② keratoglobus.

(55) What's the abnormality? Micro Cornea.

(56) What's your dignosis? Dermoid.

- What's the treatment? Surgical incision.

(57) What's this device? Cross-linking

- What's the use of this device?

Stablization of vision in keratoconus.

(58) What's this device? Keratometery.

- What's the use of this ~~Curvature~~ device?

to measure anterior Curvature surface of Cornea.

(59) What's this Surgery? Keratoplasty.

- What are the Complication of this Surgery?

① graft faluire. ② graf rejection ③ infection ...

(60) What are you call this lesion? anterior Synikia

- Mention 2 Causes? ① keratitis ② anterior Uvitis

(61) Signs:- Munson sign dignosis: Kerat conus

- +++:- the same answer of 7

(62) the same answer of 61

الواجب: .....

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الجيل الجديد

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